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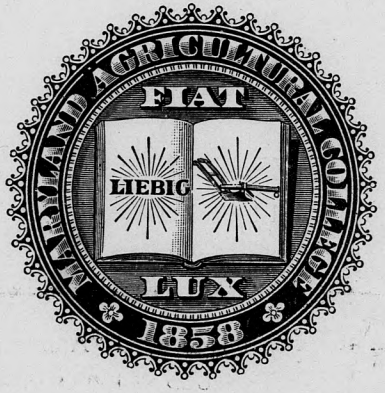

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ADDRESS

Chemical Department, Maryland Agricultural College,

COLLEGE PARK, MD.

ANALYSIS OF

COMMERCIAL FERTILIZERS SOLD IN MARYLAND

BY THE CHEMICAL DEPARTMENT OF THE

MARYLAND AGRICULTURAL COLLEGE.

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The tables on the following pages are made up of the results of the analysis of fertilizers made at the College from *August, 1902, to January, 1903,* inclusive.

The majority of the samples analyzed are obtained by our sampling agents, the samples being taken while the goods are in transit, on vessels, wharves, cars, at stations, from farmers' wagons, barns, etc. It is impossible for us to analyze all the samples we collect; duplicates are generally omitted.

When a sample has been sent in by a farmer his name appears after the place of sampling. No sample is analyzed unless fully described on blanks furnished by this Department. The description is not sent in, however, till after the analysis is reported.

No samples are accepted from manufacturers or their agents under any circumstances.

The figures in the columns headed "Ammonia," "Potash" and "Phosphoric Acid" are percentages, or pounds per hundred. To get pounds per ton multiply the figures by 20. The columns headed "Found" contain the results found by analysis; those headed "Guaranteed" contain the essential part of the guarantee as stamped on the bags.

The columns headed "No." contain the respective numbers by which the samples are known in the laboratory. In writing to the Chemical Department in regard to any analysis the number should always be given. The samples are numbered consecutively on the books of the office, but are arranged alphabetically for publication, which accounts for the mixing up of the numbers.

"The comparative value found" and the "comparative value guaranteed" are calculated, the former from the analysis found, the latter from the analysis guaranteed on the bags, using the following schedule.

In Mixed Fertilizer:				
For Nitrogen, calculated as Ammonia	17½	cts.	per	pound.
" Potash (K_2O), in forms free from muriate	6	"	"	"
" Potash (K_2O), as muriate	5	"	"	"
" Available Phosphoric Acid	5	"	"	"
" Insoluble Phosphoric Acid	2	"	"	"
" " " " when from S. C. Rock	1	"	"	"
In Dissolved S. C. Rock:				
Available Phosphoric Acid	4	"	"	"
In Ground Bone:				
For Nitrogen, calculated as Ammonia, in "Fine" Bone	16	"	"	"
" Nitrogen, calculated as Ammonia, in "Fine Medium" Bone	14	"	"	"
" Nitrogen, calculated as Ammonia, in "Medium" Bone	12	"	"	"
" Nitrogen, calculated as Ammonia, in "Coarse" Bone	10	"	"	"
" Phosphoric Acid in "Fine" Bone	5	"	"	"
" " " " "Fine Medium" Bone	4	"	"	"
" " " " "Medium" "	3	"	"	"
" " " " "Coarse" "	2	"	"	"
In Tankage and Ground Fish:				
For Nitrogen, calculated as Ammonia	15	"	"	"
" Phosphoric Acid	3	"	"	"

In using the above schedule *all fertilizers containing less than 1 per cent. of ammonia will be given the rock valuation of 4 cents per pound on the available phosphoric acid.*

The "comparative values" given in the table are not claimed to be the proper prices to be paid for the various fertilizers at the place of sale or use; this varies considerably, depending on the market prices of the ingredients, freight, commissions, size of order, cash or credit, &c.

Sliding-scale guarantees (the use of a maximum as well as a minimum guarantee), as "Ammonia 1 to 3 per cent." is unlawful. The penalty for the first offence is $100 fine.

It is unlawful to sell any brand of commercial fertilizer before the license for the same has been obtained from the Comptroller. When the license is paid by the manufacturer it is not necessary for his agents to obtain another license for the same brands. If, however, the manufacturer resides out of the State, and does not pay the license, each agent selling the goods or offering the same for sale is held responsible for the license.

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling. (and Sampler when not the College.)
10579	American Agrl. Chem. Co. New York.	Beckley's Wheat and Clover.	Halfway.
10489	" " "	Dis. Animal Bone.	Baltimore
10653	" " "	Dis. Bone and Potash.	Tuscarora
10461	" " "	Forsythe & Linthicum Mixture.	Baltimore
10532	" " "	Great Eastern English Wheat Grower.	Baltimore
10648	" " "	Muriate of Potash.	Snow Hill.
10518	" " "	Pure Ground Bone.	Pikesville.
10611	" " "	Pure Ground Bone.	Calvert.
10641	" " "	Pure Ground Bone.	Pocomoke City.
10522	A. A. C. Co. (Canton Chem. Co.) Balto., Md.	Baker's Dis. Bone Phos.	Baltimore
10523	" " "	Baker's Dis. S. C. Bone.	Baltimore
10524	" " "	Baker's Special Wheat Corn and Grass Mix.	Baltimore
10567	" " "	Eagle Phosphate	Union Mills.
10586	" " "	Harrow Brand Crop Producer.	Gaithersburg.
10608	" " "	Patrons' Bone Mix.	Baltimore
10606	" " "	Sol. Alkaline Bone.	Baltimore
10530	" " "	Sol. Bone and Potash.	Baltimore
10412	" " "	Special Compound.	Millersville. (H. Woodward).
10411	" " "	Standard High-Grade Guano—Baker's.	Millersville. (H. Woodward).
10551	A. A. C. Co. (Detrick's.)	Ammoniated Bone Phos.	Baltimore
10661	" " "	Bone and Potash (16x4) Mix.	Vienna.
10509	" " "	Dis. S. C. Bone.	Mt. Airy.

No.	NITROGEN Calculated as AMMONIA.		POTASH, K_2O.		PHOSPHORIC ACID.					Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble Found.	Available.		Total.			
	Found.	Guaranteed.	Found.	Guaranteed.		Found.	Guaranteed.	Found.	Guaranteed.		
10579	2.69	2.00	3.81	4.00	1.45	12.24	12.00	13.69	.....	$26.05	$23.00
10489	2.54	2.50	.....	.....	1.82	13.07	12.00	14.89	.....	22.69	18.35
10653	.....	.....	2.12	2.00	1.30	11.22	10.00	12.52	.....	11.36	10.00
10461	2.56	2.25	4.13	4.00	1.82	12.02	9.00	13.84	13.50	25.84	22.68
10532	1.20	1.00	2.26	2.00	1.45	8.74	8.00	10.19	.....	15.78	13.50
10648	.....	.....	53.90	50.00	.....	.....	.....	.....	.....	.....	.....
10518	4.06	3.30	.....	.....	.....	.....	.....	20.21	20.60	28.77	.....
10611	4.20	4.00	.....	.....	.....	.....	.....	21.42	20.00	28.74	.....
10641	4.35	4.00	.....	.....	.....	.....	.....	21.02	20.60	30.13	.....
10522	.....	.....	.....	.....	.50	14.41	14.00	14.91	15.00	11.53	11.20
10523	.....	.....	.....	.....	.62	14.07	14.00	14.69	15.00	11.26	11.20
10524	1.28	1.00	2.18	2.00	1.05	9.51	9.00	10.56	10.00	16.59	14.90
10567	1.19	1.00	1.41	1.00	.85	8.86	7.00	9.71	.....	14.78	11.50
10586	1.28	1.00	1.17	1.00	.97	8.68	8.00	9.65	.....	14.72	12.50
10608	2.30	2.00	2.59	2.00	6.78	7.49	5.00	14.27	10.00	20.84	16.00
10606	.....	.....	3.10	3.00	.22	12.48	12.00	12.70	.....	13.12	12.60
10530	.....	.....	2.02	2.00	.65	10.82	10.00	11.47	.....	10.81	10.00
10412	2.22	2.50	5.35	6.00	1.97	8.04	8.00	9.11	.....	21.95	22.75
10411	2.35	2.50	3.26	3.00	2.08	7 78	8.00	9.86	.....	20.10	19.75
10551	1.65	1.50	2.15	2.00	1.57	8.91	9.00	10.48	.....	17.47	16.25
10661	.....	.....	2.17	2.00	.52	11.49	11.00	12.01	.....	11.46	10.80
10509	.....	.....	.....	.....	.45	15.33	14.00	15.78	.....	12.26	11.20

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling, (and Sampler when not the College.)
10515	A. A. C. Co. (Detricks).	Farmers' New Method..	Monrovia.....
10596	" " "	Fine Ground Bone.....	Silver Springs ....
10507	" " "	Imperial Compound....	Mt. Airy .....
10452	" " "	K. K. K. (Kangaroo Komplete Kompound).	Baltimore .....
10508	" " "	Paragon Ammoniated Bone.	Mt. Airy .....
10662	" " "	Paragon Ammoniated Bone, Phos. & Potash.	Vienna .....
10516	" " "	P. & B. Special Fertilizer.	New Market.....
10548	" " "	P. & B. Special Fertilizer.	Baltimore.....
10636	" " "	Royal Crop Grower.....	Baltimore ... .
10506	" " "	Soluble Bone Phos. and Potash.	Mt. Airy.....
10581	" " "	Special Mixture.	Smithsburg.....
10468	A. A. C. Co. (Lazaretto).	Ammoniated Bone Phosphate.	Baltimore .....
10534	" " "	Bone Compound.....	Baltimore .....
10525	" " "	Crop Grower	Baltimore .....
10491	" " "	Dissolved Bone Phosphate.	Baltimore .....
10424	" " "	Dissolved Bone Phosphate.	Easton ..... (M. McDonough).
10451	" " "	Dissolved Bone and Potash.	Baltimore .....
10519	" " "	Dissolved Bone and Potash.	Baltimore .....
10492	" " "	High Grade Diss. Bone and Potash.	Graceham.....
10546	" " "	High Grade Diss. Bone and Potash.	Baltimore .....
10688	" " "	High Grade Diss. Bone and Potash.	Marydell..... (Bedford Roe).
10498	" " "	Excelsior A. A. A	Baltimore .....
10455	" " "	Gem Alkaline Phosphate.	Baltimore .....

No.	NITROGEN Calculated as AMMONIA.		POTASH, K_2O.		PHOSPHORIC ACID.					Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble Found.	Available		Total.			
	Found.	Guaranteed.	Found.	Guaranteed.		Found.	Guaranteed.	Found.	Guaranteed.		
10515	3.05	2.50	.....	.....	1.62	12.58	8.00	14.20	.....	$23.91	$16.75
10596	2.30	3.00	.....	.....	.....	.....	.....	22.46	22.80	27.22	.....
10507	1.29	1.00	2.22	2.00	1.00	9.88	8.00	10.88	.....	17.02	13.50
10452	2 08	2.00	3.87	3.00	1.30	8.94	8.00	10.24	.....	20.61	18.00
10508	1.28	1.00	1.27	1.00	1.08	9.16	7.00	10.24	.....	15.34	11.50
10662	1.23	1.00	1.84	1.00	1.12	8.59	7.00	9.71	.....	15.19	11.50
10516	.....	.....	2.84	3.00	.65	13.45	12.00	14.10	.....	13.73	12.60
10548	.....	.....	2.96	3.00	.18	12.15	12.00	12.33	13.00	12.72	12.80
10636	2.05	2.00	2.56	2.00	1.40	9.00	8.00	10.40	.....	19.30	17.00
10506	.....	.....	2.12	2.00	1.12	10.92	10.00	12.04	.....	11.08	10.00
10581	1.35	1.00	1.21	1.00	1.07	9.17	8.00	10.24	.....	15.54	12.50
10468	1.13	1.00	2.01	2.00	.97	9.43	8.00	10.40	.....	15.79	13.50
10534	1.60	1.25	3.08	3.00	1.15	9.28	9.00	10.43	.....	18.42	16.38
10525	2.30	2.00	2.17	2.00	1.37	8.47	8.00	9.84	.....	19.24	17.00
10491	.....	.....	.....	.....	.50	14.34	14.00	14.84	.....	11.57	11.20
10424	.....	.....	.85	.....	.31	13.45	14.00	13.76	.....	11.67	11.20
10451	.....	.....	2.50	2.00	1.42	10.26	10.00	11.68	.....	10.99	10.00
10519	.....	.....	5.15	5.00	.25	11.33	11.00	11.58	.....	14.26	13.80
10492	.....	.....	3.20	3.00	.20	11.65	12.00	11.85	.....	12.56	12.60
10546	.....	.....	3.10	3.00	.10	12.42	12.00	12.52	13.00	13.06	12.80
10688	.....	.....	4.14	3.00	.28	12.34	12.00	12.62	13.00	14.07	12.80
10498	1.33	1.00	1.31	1.00	1.47	7.67	7.00	9.14	.....	14.22	11.50
10455	.....	.....	3.39	3.00	1.12	7.43	6.00	8.55	.....	9.55	7.80

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling, (and Sampler when not the College.)
10680	A. A. C. Co. (Lazaretto).	Gem Alkaline Phos. ..	Baltimore .....
10497	" " "	Retriever Animal Bone..	Baltimore .....
10517	" " "	Special Wheat and Grass	Baltimore .....
10482	A. A. C. Co. (Maryland).	Alkaline Bone.....	Baltimore.....
10650	" " "	Alkaline Bone.....	Adamstown.....
10962	" " "	Bono Super Phos.....	Smithsburg.....
10580	" " "	Magic Guano.....	Smithsburg.....
10651	" " "	Magic Guano.....	Adamstown.....
10477	" " "	S. C. Bone...	Baltimore.....
10547	" " "	Sangston's Cereal and Plant Food.	Baltimore.....
10660	" " "	Tornado Fertilizer	Hurlock.....
10531	A. A. C. Co. (Nickerson).	Acid Phos	Baltimore.....
10545	" " "	Advance Guano.....	Baltimore.....
10544	" " "	Alkaline Bone and Pot..	Baltimore.....
10607	" " "	Dis. Bone and Pot.....	Baltimore. .....
10667	" " "	Eastern Shore Domestic Guano.	Easton .....
10536	" " "	English Mixture	Baltimore.....
10666	" " "	Mixture.....	Easton .....
10577	A. A. C. Co. (Packers Union).	Acidulated Bone.....	Hancock .....
10526	" " "	American Wheat and Rye Grower.	Baltimore.....
10535	" " "	Banner Wheat Grower..	Baltimore.....
10576	" " "	Universal Fertilizer.....	Hancock.....

No.	NITROGEN Calculated as AMMONIA.		POTASH, K_2O.		PHOSPHORIC ACID.					Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble Found.	Available.		Total.			
	Found.	Guaranteed.	Found.	Guaranteed.		Found.	Guaranteed.	Found.	Guaranteed.		
10680	.....	... ...	2.54	3.00	.40	9.31	6.00	9.71	.....	$10.07	$ 7.80
10497	2.56	2.25	4.02	4.00	1.44	13.11	9.00	14.55	13.00	26.67	22.48
10517	1.28	1.00	4.54	4.00	.70	8.50	8.00	9.20	.....	17.80	15.50
10482	. ..	.....	3.05	3.00	.17	12.13	12.00	12.30	.. ....	12.75	12.60
10650	....	. ....	3.50	3.00	1.38	12.26	12.00	13.64	.....	13.59	12.60
10962	.....	.....	2.18	2.00	.75	11.55	10.00	12.30	.....	11.57	10.00
10580	1.53	1.00	2.17	2.00	1.40	9.41	9.00	10.81	.....	17.50	14.50
10651	1.37	1.00	2.00	2.00	1.30	9.98	9.00	11.28	....	17.30	18.00
10477	....	.....	....	.....	.42	14.96	14.00	15.38	.....	11.97	11.20
10547	2.11	1.50	2.37	2.00	1.75	8.68	9.00	10.43	.....	19.14	16.25
10660	....	.....	4.70	5.00	.52	12.16	12.00	12.68	.....	14.53	14.60
10531	....	.....	....	.....	.47	14.03	14.00	14.50	.....	11.22	11.20
10545	1.11	1.00	1.25	1.00	1.15	8.21	7.00	9.36	.....	13.81	11.50
10544	.....	.....	2.03	2.00	.22	10.59	10.00	10.81	.....	10.54	10.00
10607	....	.... .	5.24	5.00	.15	12.58	12.00	12.73	.....	15.33	14.60
10667	2.34	2.00	3.29	3.00	2.05	8.84	8.00	10.89	.....	18.96	16.40
10536	1.28	1.00	2.37	2.00	.85	8.32	8.00	9.17	.....	15.51	13.50
10666	.84	.50	2.92	2.00	1.10	9.54	8.00	10.64	.....	13.71	10.15
10577	.....	.....	.....	.....	.70	15.08	14.00	15.78	.....	12.06	11.20
10526	1.20	1.00	2.05	2.00	1.27	9.34	8.00	10.61	9.00	16.10	13.90
10535	....	.....	2.04	2.00	.52	10.76	10.00	11.28	11.00	10.75	10.40
10576	1.52	1.00	4.71	4.00	.80	9.01	8.00	9.81	.....	19.36	15.50

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling, (and Sampler, when not the College.)
10504	A. A. C. Co. (Reese.)	Dissolved Bone Phos. of Lime.	Baltimore.....
10605	" " "	Special Crown Phos. and Potash.	Baltimore.....
10503	A. A. C. Co. (Susquehanna)	Alkaline Bone Phosphate.	Baltimore.....
10527	" " "	Ammoniated Bone Phosphate.	Baltimore.....
10912	" " "	Ammoniated Bone Phosphate.	Zion.....
10467	" " "	Crop Grower.....	Baltimore..... ...
10499	" " "	Grass and Grain Producer.	Baltimore.....
10550	" " "	High Grade Bone and Potash.	Baltimore.....
10481	" " "	Pure Bone Phosphate...	Baltimore.....
10549	" " "	Soluble Bone and Potash.	Baltimore.....
10434	" " "	Soluble Bone and Potash.	New London..... (Albert Cashour).
10466	" " "	Superior Rock Phosphate.	Baltimore.....
10500	" " "	X. X. V. Phosphate.....	Baltimore.....
10646	A. A. C. Co. (Tygert Allen.)	Standard Bone Phosphate.	Snow Hill.....
10645	" " "	Star Dissolved S. C. Rock.	Snow Hill.....
10640	" " "	Star Soluble Bone and Potash.	Pocomoke City...
10488	A. A. C. Co.(Wheeler.)	Electrical Dissolved Bone.	Baltimore.....
10476	" " "	Royal Wheat Grower....	Baltimore. .....
10494	,, " "	Wheat and Clover Fertilizer.	Baltimore.....
10454	A. A. C. Co. (Zell.)	Ammoniated Bone Sup. Phos.	Baltimore.....
10475	" " "	Dis. Bone Phos....	Baltimore.....
10954	" " "	Dis. Bone Phos...	Cambridge..... (T. H. Hopkins.)

No.	NITROGEN Calculated as AMMONIA.		POTASH, K_2O.		PHOSPHORIC ACID.					Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble Found.	Available.		Total.			
	Found.	Guaranteed.	Found.	Guaranteed.		Found.	Guaranteed.	Found.	Guaranteed.		
10504	.....	.....	...	.....	1,52	14.06	14.00	15.58	... .	$11.25	$11.20
10605	.....	.....	2.40	2.00	.60	11.67	12.00	12.27	.....	11.86	11.60
10503	.....	.....	2.02	2.00	1.22	9.72	10.00	10.94	11.00	10.04	10.20
10527	2.30	2.00	1.89	2.00	1.47	8.23	8.00	9.70	9.00	18.76	17.40
10912	2.18	2.00	2.19	2.00	1.47	9.02	8.00	10.49	.....	19.43	17.00
10467	1.36	1.00	1.20	1.00	1.37	7.45	7.00	8.82	8.00	13.96	11.90
10499	.....	.....	3.11	3.00	.12	12.08	12.00	12.20	13.00	12.79	12.80
10550	.....	.....	4.28	5.00	.39	13.55	12.00	13.94	.....	15.20	14.60
10481	2.30	2.00	2.50	2.00	2.70	10.59	9.00	13.29	.....	22.22	18.00
10549	.....	.....	2.06	2.00	.50	10.87	10.00	11.37	.....	10.86	10.00
10434	.....	.....	2.08	2.00	.93	14.54	10.00	15.47	.....	13.90	10.00
10466	....	.....	.....	.....	1.20	14.48	14.00	15.68	.....	10.87	11.58
10500	1.59	1.00	1.82	1.00	1.50	8.60	8.00	10.10	.....	16.59	12.50
10646	2.30	2.00	2.27	2.00	1.25	8.51	8.00	9.76	.....	19.33	17.00
10645	.....	.....	.....	.....	.75	15.65	14.00	16.40	.....	12.52	11.20
10640	....	.....	2.22	2.00	.37	11.40	10.00	11.77	.....	11.41	10.00
10488	.....	.....	.....	.....	.28	14.46	14.00	14.74	.....	11.57	11.20
10476	1.11	1.00	2.25	2.00	1.57	9.10	8.00	10.67	.....	15.87	13.50
10494	.....	.....	1.82	2.00	1.22	10.42	10.00	11.64	.....	10.40	10.00
10454	2.13	2.00	2.18	2.00	1.11	8.90	8.00	10.01	....	18.98	17.00
10475	....	.....	.....	.....	.65	15.08	14.00	15.73	.....	12.06	11.20
10954	.....	.....	.....	.....	.27	16.42	14.00	16.69	.....	13.14	11.20

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling, (and Sampler when not the College.)
10462	A. A. C. Co. (Zell).	Economizer Phosphate..	Baltimore.....
10496	" " "	Electric Phosphate.....	Baltimore.....
10458	" " "	Little Giant.....	Baltimore.....
10598	Alexan. Fertz. and Chem. Co. Alexandria, Va.	Dis. S. C. Rock.....	Seneca.....
10638	Armour Fertz. Wks., Baltimore, Md.	Ammoniated Bone and Potash.	Baltimore.....
10639	" " "	Bone and Dis. Bone with Potash.	Greensboro.....
10621	" " "	Bone Meal.....	Leslie.....
10649	" " "	Dis. Bone	Tuscarora.....
10610	" " "	Fruit and Root Crop Special.	Zion.....
10961	" " "	Grain Grower.....	Bay View.....
10628	" " "	High-Grade Potato Fertz.	Greensboro.....
10405	" " "	Kaint.....	Goldsboro..... (Jno. Shiveley.)
10512	" " "	Ammoniated Phos. and Potash No. 1.	Woodsboro.....
10609	" " "	Phos. and Pot. No. 2.....	Baltimore.....
10521	" " "	Raw Bone Meal.....	Baltimore.....
10612	" " "	Royal Ammoniated Bone.	Bay View.....
10578	" " "	Special Mixture.....	Hancock.....
10520	" " "	Star Phosphate.....	Baltimore. .....
10622	" " "	Wheat Special.....	Leslie.....
10671	Atlantic and Va. Fertz. Co. Richmond, Va.	Eureka Ammo. Bone ..	Easton.....
10470	Baltimore Fertz. Co. Baltimore, Md.	High-Grade Acid Phos	Baltimore.....
10472	" " "	King of the Harvest for Wheat and Grass.	Baltimore.....
10471	" " "	Old Honesty	Baltimore.....

No.	NITROGEN Calculated as AMMONIA.		POTASH, K_2O.		PHOSPHORIC ACID.					Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble Found.	Available.		Total.			
	Found.	Guaranteed.	Found.	Guaranteed.		Found.	Guaranteed.	Found.	Guaranteed.		
10462	1.11	1.00	2.22	2.00	1.90	8.99	8.00	10.89	.....	$15.86	$13.50
10496	....	.....	1.63	2.00	1.10	10.11	10.00	11.21	.....	9.94	10.00
10458	1.28	1.00	1.44	.00	1.80	7.72	7.00	9.52	.....	14.36	11.50
10598	.....	.....	....	.....	.87	14.86	14.00	15.73	....	11.89	11.20
10638	2.32	3.00	2.02	2.00	.35	8.17	6.00	8.52	.....	18.45	18.50
10639	2.08	2.00	3.78	3.00	5.30	10.59	9.00	15.89	....	23.77	19.00
10621	4.03	3.00	.....	.....	.....	.....	.....	24.73	24.00	34.18	.....
10649	2.03	2.00	.....	.....	1.02	10.13	10.00	11.15	....	17.82	17.00
10610	2.22	2.00	5.05	5.00	.20	9.40	8.00	9.60	.....	22.30	20.00
10961	2.05	2.00	2.30	2.00	.40	8.63	8.00	9.03	.....	18.27	17.00
10628	2.39	2.00	10.03	10.00	.42	8.72	8.00	9.14	.....	27.29	25.00
10405	.....	.....	12.20	12.00	.....	.....	.....	.....	.....	.....	.....
10512	.....	.....	1.72	2.00	.22	9.97	10.00	10.19	.....	9.74	10.00
10609	....	.....	5.09	5.00	.35	8.07	8.00	8.42	.....	11.29	11.62
10521	4.11	4.50	.....	.....	.....	.....	.....	21.00	25.00	28.27	.....
10612	1.23	1.00	3.01	4.00	.18	8.59	8.00	8.77	.....	15.98	15.50
10578	.80	.50	1.04	1.00	.22	8.60	8.00	8.82	.....	10.76	9.15
10520	.....	.....	.....	.....	.62	14.07	14.00	14.69	....	11.38	11.20
10622	1.11	1.00	1.10	1.00	.18	8.46	8.00	8.64	.....	13.52	12.50
10671	2.06	2.00	2.65	2.00	3.00	10.33	8.00	13.33	.....	21.39	17.00
10470	....	.....	.....	.....	1.10	14.37	14.00	15.47	.....	11.50	11.20
10472	1.06	1.00	3.67	3.00	1.57	9.07	10.00	10.64	11.50	17.08	17.10
10471	.75	.50	1.69	2.00	1.97	7.66	8.00	9.63	9.50	10.84	10.45

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling, (and Sampler when not the College.)
10473	Baltimore Fertz. Co. Baltimore, Md.	Standard	Baltimore
10591	Baltimore Pulverizing Co. Baltimore, Md.	Bone Phos	Woodbine
10592	" " "	High-Grade Wheat Comp.	Woodbine
10629	" " "	Penniman's Excelsior Fertz	Denton
10593	" " "	Penniman's Special Guano No. 1.	Woodbine
10674	" " "	Royal Tomato Comp	Middle River
10670	" " "	Special Fall Mix	Easton
10463	Baugh & Sons Co. Baltimore, Md.	Ammo. Sol. Alkaline	Baltimore
10634	" " "	Animal Bone and Pot. Comp.	Baltimore
10675	" " "	Corn Fertz	Pikesville
10465	" " "	Double Eagle Phos	Baltimore
10627	" " "	Excelsior Super Phos	Greensboro
10563	" " "	Export Bone with Pot	Middleburg
10479	" " "	Fish Mixture	Baltimore
10456	" " "	General Crop Grower	Baltimore
10958	" " "	General Crop Grower	Worton (Benj F. Rash).
10699	" " "	General Crop Grower	Carmichael (Jos. Raisin).
10464	" " "	High-Grade Acid Phos.	Baltimore
10562	" " "	New Process Dis. Bone.	Middleburg
10539	" " "	Peninsula Grain Producer.	Baltimore
10595	" " "	Potato Fertz	Hoods Mills
10529	" " "	Pure Dis. Animal Bones.	Rockville

No.	NITROGEN Calculated as AMMONIA.		POTASH, K_2O.		PHOSPHORIC ACID.					Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble Found.	Available.		Total.			
	Found.	Guaranteed.	Found.	Guaranteed.		Found.	Guaranteed.	Found.	Guaranteed.		
10473	1.54	1.50	3.44	3.00	2.17	9.76	10.00	11.93	11.50	$19.46	$18.85
10591	.....	.....	.....	.....	.27	15.38	14.00	15.65	.....	12.30	11.20
10592	1.35	2.00	2.69	2.00	.70	10.24	8.00	10.94	.....	17.94	17.00
10629	.....	.....	2.74	2.50	.45	11.50	10.00	11.95	.....	12.03	10.50
10593	1.14	1.00	1.54	1.00	.70	8.84	8.00	9.54	.....	14.65	12.50
10674	2.22	2.00	2.48	2.00	.98	9.24	8.00	10.22	.....	19.88	17.00
10767	.....	.....	1.73	1.00	.65	7.98	8.00	8.63	9.00	8.24	7.60
10463	.68	.50	2.36	2.00	.75	9.07	8.00	9.82	11.00	12.15	10.75
10634	2.56	2.00	2.62	2.00	2.00	8.83	8.00	10.83	.....	21.21	17.00
10675	2.52	1.00	2.44	4.00	2.00	9.01	8.00	11.01	.....	21.07	15.50
10465	2.26	2.00	1.22	1.00	2.20	9.00	8.00	11.20	.....	19.01	16.00
10627	1.21	1.00	4.41	4.00	1.00	9.16	8.00	10.16	11.00	18.21	16.70
10563	2.30	2.00	3.86	2.00	4.82	7.80	.....	12.62	*23.00	21.64	.....
10479	2.60	2.00	2.58	2.00	.95	9.51	8.00	10.46	11.00	21.57	18.20
10456	1.14	1.00	1.64	1.00	1.25	9.26	8.00	10.51	....	15.39	12.50
10958	1.19	1.00	1.56	1.00	1.32	9.80	8.00	11.12	11.00	16.06	12.62
10699	1.18	1.00	2.04	1.00	1.34	9.21	8.00	10.55	11.00	15.92	13.70
10464	.....	..... .	.....	.....	3 00	14.75	14.00	17.75	15.00	11.80	11.20
10562	2.52	2.00	....	.....	2.30	13.06	10.00	15.36	.....	22.80	17.00
10539	1.60	1.00	2.36	2.00	1.12	9.32	8.00	10.45	11.00	17.74	14.70
10595	2.25	2.00	3.86	3.00	2.40	8.96	8.00	11.36	.....	21.66	18.00
10529	3.04	2.50	.....	.....	1.47	15.41	13.00	16.	.....	26.64	21.75

*Bone Phosphate.

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling, (and Sampler when not the College.)
10594	Baugh & Sons Co. Baltimore, Md.	Raw and Dis. Bone Hammond's.	Hoods Mills.....
10574	" " "	Raw Bone Meal.....	Antietam. .. ....
10480	" " "	Soluble Alkaline Super Phos.	Baltimore. .....
10537	" " "	Special Mixture.....	Baltimore.....
10538	" " "	Special Mixture...	Baltimore.....
10625	" " "	Special Mixture.....	Greensboro.....
10626	" " "	Special Mixture.....	Greensboro.....
10669	" " "	Super Phos	Easton..... ..
10683	" " "	Vegetable Compound....	Baltimore.....
10460	" " "	Wheat Fertilizer.....	Baltimore.....
10561	" " "	Wheat and Grass Fertz..	Taneytown.....
10659	The Berg Co., Philadelphia, Pa,	$25 Spec. Bone Manure	Elkton.....
10502	A. D. Birely & Son Ladiesburg, Md.	Ammo. Bone Phos.....	Baltimore.....
10453	" " "	Dis. Animal Bone and Pot.	Baltimore.....
10408	" " "	Dis. Animal Bone and Pot.	Johnsville ..... S.E.Brandenburg.
10493	" " "	Special Mix. for Wheat and Grass.	Baltimore.....
10572	S. B. Brodbeck, Greenridge, Pa.	Alkaline Phos.....	Union Mills.....
10571	" " "	Reliable..	Union Mills.....
10570	" " "	Ruth's Dis. Bone Phos..	Union Mills.....
10618	Brumfield & Foster, Colora, Md.	Acid Phos. and Pot.....	Colora .....
10615	" " "	Ammo. Bone Phos.....	Colora .....
10617	" " "	Hard-Times Ammoniated Phos.	Colora ....
10616	" " "	H. G. Acid Phos.....	Colora .....

No	NITROGEN Calculated as AMMONIA.		POTASH, K_2O.		PHOSPHORIC ACID.					Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble Found.	Available.		Total.			
	Found.	Guaranteed.	Found.	Guaranteed.		Found.	Guaranteed.	Found.	Guaranteed.		
10594	1.88	1.75	3.66	3.50	3.27	11.72	8.00	14.99	14.50	$23.27	$20.23
10574	5.07	4.50	....	.... ..	.....	....	.....	21.48	21.50	33.28	.....
10480	.....	.....	2.43	2.00	2.27	9.82	10.00	12.09	.....	10.74	10.00
10537	1.19	1.00	1.03	3.00	2.45	11.99	12.00	14.44	.....	18.17	18.50
10538	.. ..	.....	4.81	5.00	1.98	11.66	12.00	13.64	.....	14.54	14.60
10625	1.30	1.00	4.31	4.00	1.20	9.23	8.00	10.43	.....	18.57	15.50
10626	.82	.50	2.30	2.00	.85	8.40	8.00	9.25	.....	12.06	10.15
10669	.....	.....	2.28	2.00	.90	10.89	10.00	11.79	.....	11.17	10.00
10683	1.57	1.00	2.42	2.00	1.05	9.36	8.00	10.41	.....	17.70	13.50
10460	2.64	2.00	2.28	2.00	2.40	8.96	8.00	11.36	11.00	21.44	18.20
10561	2.22	2.00	2.38	2.00	2.08	8.85	8.00	10.93	.....	19.83	17.00
10659	2.25	2.00	2.86	2.00	2.35	10.63	7.00	12.98	.....	22.31	16.00
10502	.96	.50	1.25	1.00	.85	8.64	8.00	9.49	.....	11.69	9.15
10453	1.10	1.00	2.28	2.00	1.64	8.65	9.00	10.29	.....	15.44	14.50
10408	1.29	1.00	2.32	2.00	1.53	8.40	9.00	9.93	.....	15.85	14.50
10493	....	.....	1.73	2.00	.82	10.34	10.00	11.16	.....	10.16	10.00
10572	.....	.....	2.05	2.00	.92	11.07	10.00	11.99	.....	11.09	10.00
10571	1.33	1.00	2.18	2.50	.75	9.68	8.00	10.43	.....	16.82	14.00
10570	.....	...	...	.....	.92	14.95	14.00	15.87	.....	11.96	11.20
10618	....	.....	2.47	2.00	.22	10.64	10.00	10.86	.....	11.02	10.00
10615	2.51	2.00	2.25	2.00	1.45	9.35	8.00	10.80	9.00	20.97	17.40
10617	1.53	1.00	2.39	1.00	.83	11.31	8.00	12.14	9.00	19.38	12.90
10616	.....	.....	.....	.....	.35	14.25	14.00	14.60	.....	11.40	11.20

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling. (and Sampler when not the College.)
10597	Bryant Fertz. Co. Alexandria, Va.	S. C. Bone	Seneca
10583	Continental Coml. Co. Baltimore, Md.	Ammoniated Bone	Smithsburg
10590	" " "	Champion Alkaline	Mt. Airy
10584	" " "	Fish Rock and Potash	Smithsburg
10601	" " "	Henderson's Special Mixture.	Brink
10632	" " "	High-Grade Sol. Phos.	Baltimore
10589	" " "	Peerless Phosphate	Mt. Airy
10587	" " "	Potashed Bone	Mt. Airy
10585	" " "	Special W. and G. Phosphate.	Keedysville
10952	" " "	Special W. and G. Phosphate.	Sellman (L. D. Mainhart)
10652	" " "	Special Wheat Grower	Middletown
10588	" " "	Stand. Dis. Bone Phos	Mt. Airy
10631	" " "	Superior Crop Grower	Baltimore
10658	Henry Cope & Co. Lincoln University, Pa.	Wheat Grower and Complete Manure.	Calvert
10654	Josiah Cope & Co, Lincoln University, Pa.	Acidulated Phosphate	Calvert
10533	" " "	Ammoniated Bone Phos.	Baltimore
10655	" " "	Ground Steamed Bone	Rising Sun
10542	F. P. Covey, Federalsburg, Md.	Standard Bone Phos.	Baltimore
10623	J. A. Cranston Co. Newport, Del.	Bone Meal	Leslie
10613	" " "	Pa. Super Phosphate	Bay View
10624	" " "	Raw Bone Super Phos.	Leslie
10637	Dudley & Carpenter, Baltimore, Md.	Dis. S. C. Rock	Baltimore
10541	" " "	Special Wheat Mixture.	Baltimore

No.	NITROGEN Calculated as AMMONIA.		POTASH K_2O.		PHOSPHORIC ACID.					Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble Found.	Available.		TOTAL.			
	Found.	Guaranteed.	Found.	Guaranteed.		Found.	Guaranteed.	Found.	Guaranteed.		
10597	.....	.....	.. ..		2.65	13.84	14.00	16.49	.....	$11.07	$11.20
10583	.78	.50	1.73	1.50	1.12	8.34	8.00	9.46	10.00	11.35	10.05
10590	.....	.....	2.34	3.00	1.58	13.32	12.00	14.90	.....	13.32	13.00
10584	.53	.25	.66	.50	1.05	6.88	5.00	7.93	.....	8.23	5.38
10601	1.31	.58	4.12	4.90	1.95	12.42	11.75	14.37	.....	21.91	18.68
10632	.....	.....	.....	.....	1.63	14.88	14.00	16.51	... .	11.90	11.20
10589	1.09	1.00	3.09	1.50	1.15	8.59	8.00	9.74	10.00	15.96	13.80
10587	.....	.....	2.04	2.00	1.27	11.12	10.00	12.39	12.00	11.19	10.40
10585	1.64	2.00	2.11	2.00	1.25	9.87	8.50	11.12	11.00	18.22	18.50
10952	2.06	2.00	1.55	2.00	1.25	8.54	8.50	9.79	11.00	17.80	18.35
10652	2.11	2.00	1.14	2.00	1.40	8.73	8.50	10.13	11.00	17.82	18.50
10588	1.19	1.00	2.28	2.00	1.22	10.07	10.00	11.29	11.50	17.01	16.10
10631	.....	.....	3.72	4.00	1.72	13.24	12.00	14.96	14.00	14.65	14.00
10658	1.62	1.50	4.34	4.00	1.00	8.35	7.00	9.35	.....	18.76	16.25
10654	....	..... .	.....	....	1.48	14.38	14.00	15.86	.....	11.50	11.20
10533	1.26	1.00	3.21	2.00	.90	10.20	9.00	11.10	.....	18.18	14.50
10655	3.17	3.00	.....	.....	.....	.....	.....	22.59	23.00	29.52	.....
10542	1.35	1.00	5.06	5.00	1.30	11.97	11.00	13.27	13.00	22.28	20.30
10623	4.47	4.00	.....	.....	.....	.....	.....	22.51	20.00	32.20	.....
10613	1.06	1.00	1.65	2.00	2.65	11.35	8.00	14.00	10.00	17.77	14.30
10624	2.30	2.00	2.01	2.00	3.45	10.76	9.00	14.21	11.00	22.20	18.80
10637	.....	.....	.....	.. ...	.27	14.63	14.00	14.90	.....	11.70	11.20
10541	....	.....	3.15	3.00	.14	11.71	12.00	11.85	13.00	12.55	12.80

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling. (and Sampler when not the College.)
10604	Edelen Bros., Baltimore, Md.	Special Wheat and Grain Mixture.	Baltimore
10582	Sam'l Elder & Co., Baltimore, Md.	H. G. Wheat Compound.	Smithsburg
10560	Englar Bros. & Co., Linwood, Md.	No. 1 Ammoniated Bone Phosphate.	Linwood
10559	" " "	No. 2 Ammoniated Bone Phosphate.	Uniontown
10566	D. Englar, Jr., Medford, Md.	No. 3 Bone Phosphate	Medford
10657	Eureka Fertilizer Co., Perryville, Md.	Alkaline Bone and Potash.	Rising Sun
10619	" " "	Farmers' Favorite Bone Phosphate.	Colora
10656	" " "	Super Phosphate	Rising Sun
10620	Washington Ewing, Landenburg, Pa.	Pure Ground Bone	Woodlawn
10602	W. S. Farmer & Co. Baltimore, Md.	B. & P. Phosphate	Baltimore
10665	" " "	Clyde Brand	Easton
10679	" " "	Dissolved S. C. Bone	Baltimore
10540	" " "	Harvest Queen Phos.	Baltimore
10501	The Farmers' Fertz. Co., Westminster, Md.	Acid Phosphate	Baltimore
10554	" " "	No. 1 Bone Phosphate	Westminster
10553	" " "	No. 2 Bone Phosphate	Westminster
10555	" " "	No. 3 Bone Phosphate	Westminster
10558	" " "	Carroll Bone Phosphate.	Westminster
10557	" " "	P. A. & P. Phosphate	Westminster
10556	" " "	X. X. Bone Phosphate	Westminster
10630	Farmers & Planters' Co., Salisbury, Md.	Gen. Crop Grower.	Bethlehem
10644	" " "	Special Wheat	Salisbury
10642	" " "	Standard Mixture	Snow Hill

No.	NITROGEN Calculated as AMMONIA.		POTASH, K_2O.		PHOSPHORIC ACID.					Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble Found.	Available.		Total.			
	Found.	Guaranteed.	Found.	Guaranteed.		Found.	Guaranteed.	Found.	Guaranteed.		
10604	1.33	1.00	2.39	2.00	1.47	10.41	9.00	11.88	.....	$18.05	$14.50
10582	1.53	2.00	2.04	2.00	.50	10.27	8.00	10.77	.....	17.87	17.00
10560	2.18	2.25	1.58	1.80	1.90	12.04	11.25	13.94	.....	22.01	20.93
10559	1.82	1.75	2.60	1.36	.70	10.83	11.00	11.53	.....	20.08	18.49
10566	1.57	1.25	2.60	2.00	1.85	10.96	9.50	12.81	11.00	19.80	16.48
10657	.....	.....	1.41	2.00	1.78	15.29	10.00	17.07	12.00	14.00	10.40
10619	1.29	2.00	3.49	2.00	1.90	12.01	8.00	13.91	12.00	20.78	18.60
10656	.....	.....	.....	.....	2.15	14.01	14.00	16.16	15.00	11.21	11.20
10620	4.38	3.00	.....	.....	.....	.....	.....	21.63	18.00	30.25	.....
10602	.....	.....	3.96	2.00	.95	9.16	10.00	10.11	.....	11.48	10.00
10665	1.26	1.00	2.18	2.00	1.08	8.52	8.00	9.60	.....	15.54	13.90
10679	.....	.....	.....	.....	.75	14.51	14.00	15.26	.....	11.61	11.20
10540	1.55	1.50	3.24	3.00	1.17	9.68	9.00	10.85	.....	18.82	17.25
10501	.....	.....	.....	.....	.32	15.47	14.00	15.79	16.00	12.38	11.20
10554	2.58	2.50	2.92	2.50	1.02	8.87	9.00	9.89	11.0	1.23	21.05
10553	2.11	2.00	2.64	2.50	.58	9.95	9.00	10.53	10.00	20.21	13.90
10555	1.53	1.50	2.86	3.00	.15	9.82	8.00	9.97	9.00	18.10	16.65
10558	.68	.25	2.64	2.00	.40	8.75	7.00	9.15	8.00	12.10	8.68
10557	.....	.....	3.68	3.00	.17	10.76	10.00	10.93	.....	12.32	11.00
10556	1.06	1.00	3.03	3.00	.30	9.54	9.00	9.84	10.00	16.40	15.90
10630	1.03	1.00	2.08	2.00	1.97	11.75	10.00	13.72	.....	18.23	15.50
10644	3.07	3.00	2.10	2.25	1.97	10.14	8.00	12.11	.....	23.79	20.75
10642	1.62	2.00	2.17	2.00	1.87	11.10	8.00	12.97	.....	19.69	17.00

No.	Name and address of Manufacturer.	Name of Fertilizer.	Place of Sampling. (and Sampler, when not the College.)
10510	Frederick Co. Farmers' Exchange. Frederick Md.	Ammoniated Bone	Frederick. .. ..
10511	" " "	Fish Bone Mixture	Frederick. .....
10513	" " "	Rock and Potash.....	Frederick ... .
10635	T. H. Gill, Avalon, Va...	Try Me Fertilizer	Baltimore... .....
10684	" " "	Try Me Fertilizer	St. Inigoes..... (Jno. T. Morris.)
10686	" " "	Try Me Fertilizer.....	St. Inigoes (Jno. T. Morris.)
10614	Griffith & Boyd, Baltimore, Md.	Ammoniated Bone Phos.	Zion .. ..
10564	" " "	Ammoniated Dis. Bone.	Kumps . .....
10568	" " "	Ammoniated Sol. Bone..	Union Mills.....
10668	" " "	Buyers Mixture.	Easton . .....
10442	" " "	Buyers Mixture	Cecilton. (Robt. Anderson.)
10486	" " "	Cereal Bone Plant Food.	Baltimore.....
10487	" " "	Fish Bone and Potash..	Baltimore. ... ...
10573	" " "	Harvest Queen Phos ..	Union Mills.....
10959	" " "	Harvest Queen Phos .	Goldsboro ....
10565	" " "	High-Grade Acid Phos	DoublePipeCreek.
10485	" " "	Peerless Fertilizer.....	Baltimore.....
10441	" " "	Peerless Fertilizer.	Cecilton ..... (Robt. Anderson.)
10647	" " "	Royal Potash Guano ..	Snow Hill.....
10677	" " "	Soft Ground Bone.... .	Baltimore.....
10663	" " "	Spec. Alkaline Bone Mix.	Secretary.....
10425	" " "	Spec. Alkaline Bone Mix.	Cecilton .... (S. Willis Lusby.)
10951	" " "	Spec. Alkaline Bone Mix,	Cecilton ..... (L. W. Davis)

No.	NITROGEN Calculated as AMMONIA.		POTASH K_2O.		PHOSPHORIC ACID.					Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble Found.	Available.		Total.			
	Found.	Guaranteed.	Found.	Guaranteed.		Found.	Guaranteed.	Found.	Guaranteed.		
10510	1.24	1.00	2.16	2.00	.80	12.10	10.00	12.90	.....	$18.92	$15.50
10511	2.22	2.00	3.16	2 00	1.17	11.38	10 00	12.55	.....	22.78	19.00
10513	.....	.	3.45	3.00	1.90	10.37	10.00	12.27	.....	12.13	11.00
10635	2.56	2.00	2.32	2 00	2.05	10.57	9.00	12.62	.....	22.67	18.00
10684	2.20	2 00	2.60	2.00	2.98	9.94	9.00	12.92	.....	21.43	18.00
10686	2.14	2.00	2.50	2.00	2.95	10.22	9.00	13.17	.....	21.39	18.00
10614	2.08	2 00	2.43	2.00	1.20	9.01	8.00	10.21	9.00	19.20	17.40
10564	2.13	2.50	..	.....	1.51	12.92	11.00	14.42	13.00	20.98	20.55
10568	1.11	1.00	2.17	2.00	2.05	7.39	7.00	9.44	8.00	14.27	12.90
10668	....	.....	4.06	5.00	.78	11.17	12.00	11.95	.....	13.16	14.60
10442	....	.....	5.42	5.00	1.08	11.84	12.00	12.92	.....	15.11	14.60
10486	1.36	1.00	1.84	2.00	2.00	8.83	8.00	10.83	10.00	16.23	14.30
10487	1.91	1.75	3.98	3.00	1.27	7.12	7.00	8.39	.....	18.30	16.53
10573	1.60	1.50	2.69	2.50	1.96	9.97	10.00	11.93	11.00	19.04	18.15
10959	1.69	1.50	3.26	2.50	2.20	9.59	10.00	11.79	11.00	19.65	18.15
10565	.....	.....	.....	.....	1.60	13.51	14.00	15.11	15.00	10.81	11.20
10485	.55	.35	2.22	2.00	1.65	8.17	8.00	9.82	9.00	11.02	9.83
10441	.53	35	2.78	2.00	1.69	8.28	8.00	9.97	.....	11.60	9.58
10647	1.06	1.00	4.13	4.00	2.20	9.77	8.00	11.97	9.00	18.49	15.90
10677	2.97	3.00	.....	... .	6.72	6.02	.....	12.74	11.00	19.10	.....
10663	....	.....	3.08	3.00	.92	12.64	12.00	13.56	13.00	13.37	12.80
10425	.....	.....	2.44	3.00	.79	11.96	12.00	12.75	13.00	12.17	12.80
10951	.....	.....	2.75	3.00	.85	12.40	12.00	13.25	13.00	12.84	12.80

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling. (and Sampler, when not the College.)
10569	Griffith & Boyd, Baltimore, Md.	Special Grain Grower...	Union Mills.....
10474	" " "	Valley Fertilizer...	Baltimore. ....
10514	" " "	X. X. Potash Manure...	Emmittsburg.....
10676	Griffith & Turner Co. Baltimore, Md.	Ammoniated Butchers Bone.	Reisterstown.....
10681	" " "	Animal Bone Phos.....	Baltimore.....
10483	" " "	High-Grade Acid Phos..	Baltimore.....
10633	" " "	Soft Ground Bone.....	Baltimore.....
10484	" " "	Special Mixture.....	Baltimore. .....
10803	Hanover Fertilizer Co., Hanover, Pa.	Blood and Bone Comp..	Taneytown.....
10806	" " "	Dis. Bone Phosphate...	Taneytown.....
10429	" " "	Dis. S. C. Rock..... ...	Taneytown.....
10805	" " "	Excelsior Combine.....	Taneytown.....
10804	" " "	Farmers Crop Winner..	Taneytown.....
10809	" " "	Royal Bone and Potash.	Manchester,... ...
10779	Hanway & Keen, Bel Air, Md.	Dissolved Bone	Baltimore. ....
10778	" " "	Ground Bone..... ...	Baltimore,.....
10856	" " "	Special Mixture.... ...	Baltimore.... ....
10857	" " "	Standard High-Grade...	Baltimore,.....
10870	S. M. Hess & Bro., Philadelphia, Pa.	Ground Bone. ...	Childs ... .
10911	" " "	Keystone Bone Phos ..	Leslie... .....
10971	" " "	Soluble Bone and Pot...	Pleasant Hill.....
10869	" " "	Wheat and Grass Manure.	Childs..... .....
10767	Home Fertz. Chem. Wks., Baltimore, Md.	Boykin's Alkaline Bone	Baltimore.... ....

No.	NITROGEN Calculated as AMMONIA.		POTASH K O.		PHOSPHORIC ACID.					Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble Found.	Available.		Total.			
	Found.	Guaranteed.	Found.	Guaranteed.		Found.	Guaranteed.	Found.	Guaranteed.		
10569	.....	.....	2.64	2.00	1.72	9.68	10.00	11.40	.....	$10.72	$10.00
10474	.68	.50	3.11	3.00	1.67	8.52	8.00	10.19	9.00	12.64	11.35
10514	.....	.....	4.8[illegible]	5.00	1.62	10.06	10.00	11.68	11.00	13.26	13.20
10676	1.09	1.00	1.72	1.00	2.45	8.60	9.00	11.05	10.00	15.12	13.90
10681	2.08	2.50	2.26	1.50	3.37	8.74	10.00	12.11	11.00	19.63	20.65
10483	.....	.....	.....	.....	.92	14.42	14.00	15.34	15.00	1.54	11.20
10633	2.61	3.00	...	.....	.....	.....	.....	25.70	23.02	30.64	.....
10484	.56	.50	2.50	2.00	2.15	7.75	8.00	9.90	9.00	11.09	10.35
10803	1.13	1.00	2.05	2.00	1.27	9.05	8.00	10.32	9.00	16.08	13.90
10806	....	.....	2.18	2.00	.85	9.53	10.00	10.38	11.00	9.97	10.20
10429	.....	.....	....	.....	1.20	15.31	14.00	16.51	15.00	12.25	11.20
10805	2.13	2.00	2.32	2.00	1.85	8.12	8.00	9.97	9.00	18.64	17.40
10804	.63	.50	1.89	1.50	.87	8.06	7.00	8.93	8.00	10.72	9.05
10809	.....	.....	1.45	1.00	1.10	9.43	9.00	10.53	10.00	9.21	8.40
10779	2.25	2.00	.....	.....	1.40	10.29	10.00	11.69	11.00	18.73	17.40
10778	3.84	3.00	....	... ...	..	.....	.....	19.92	22.00	27.38	.....
10856	1.28	1.00	2.22	2.00	1.00	8.81	9.00	9.81	10.00	15.91	14.90
10857	2.56	2.50	3.63	3.00	1.52	8.58	8.00	10. 0	9.00	21.78	20.15
10870	4.20	4.00	....	.....	.....	.. ...	... .	21.34	20.00	30.94	.....
10911	1.28	1.00	1.94	2.00	1.55	8.42	8.00	9.97	10.00	15.46	14.30
10971	.. .	.....	2.07	2.00	1.72	10.31	10.00	12.03	11.00	10.66	10.20
10869	1.24	1.00	2.08	2.00	1.85	8.60	8.00	10.45	.....	15.76	13.90
10767	....	.....	2.95	2.00	1.80	8.74	10.00	10.54	11.00	10.30	10.20

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling. (and Sampler when not the College.)
10845	Home Fertilizer Chem. Works, Balto. Md.	Boykin's Dissolved Animal Bone.	Baltimore.....
10768	" " "	Everybody's Fertilizer	Baltimore.....
10781	" " "	High Grade Acid Phos.	Baltimore.....
10739	W. H. Hood, Mt. Airy, Md.	Special Mixture for Grain and Grass.	Mt. Airy.....
10937	The Hubbard, Fertilizer Co. Baltimore, Md.	Alkaline	Cecilton ..... (Jas. A. Pierce.)
10918	" " "	Bone and Potash.....	Hamstead .....
10746	" " "	Columbia Gem Phos....	Baltimore.....
10938	" " "	Dissolved Bone.....	Cecilton..... (Jas. A. Pierce.)
10889	" " "	High Grade Soluble Tennessee Phosphate.	Baltimore.....
10747	" " "	Oriental Phosphate....	Baltimore.....
10888	" " "	Soluble Bone & Potash..	Baltimore.....
10893	" " "	Standard Bone Super Phosphate.	Baltimore.....
10903	" " "	Truckers 7% Royal Seal Compound.	Girdletree.....
10931	" " "	Wheat Growers' Jewell.	Baltimore.....
10846	M. P. Hubbard & Co., Baltimore, Md.	Celebrated Dissolved Bone Phosphate.	Baltimore. .....
10744	" " "	Farmers' Old Economy Phosphate.	Baltimore. .....
10753	" " "	Harvest King for Wheat and Grass.	Baltimore.....
10827	" " "	Havana Special for Wheat and Grass.	Halfway.....
10756	" " "	High Grade Soluble S. C. Phosphate.	Baltimore.....
10754	" " "	Soluble Bone and Potash.	Baltimore.....
10847	T. R. Hubbard & Son., Chestertown, Md.	Victor Phosphate.....	Baltimore .....
10814	C. M. Keedy, Keedysville, Md.	Money Saving Phosphate.	Keedysville.....

No.	NITROGEN Calculated as AMMONIA.		POTASH, K_2O.		PHOSPHORIC ACID.					Comparative Value Per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble Found.	Available.		Total.			
	Found.	Guaranteed.	Found.	Guaranteed.		Found.	Guaranteed.	Found.	Guaranteed.		
10845	2.22	2.00	.....	.....	3.27	12.30	12.00	15.57	14.00	$21.38	$19.80
10768	1.45	1.00	2.40	3 00	1.95	8.38	9 00	10.33	10.00	16.64	15.90
10781	.....	.....	....	.....	2.10	12.96	14 00	15.06	.....	10.37	11.20
10739	.92	1.00	1.82	2.00	2.72	11.06	9.00	13.78	... .	14.43	12.70
10937	.....	.....	3.12	3.00	.62	11.92	12.00	12.54	.....	12.78	12.60
10918	.....	.....	2.11	2 00	.85	11.37	10.00	12.22	.....	11.38	10.00
10746	.89	.50	1.90	1.00	1.52	8.11	8.00	9.63	.....	11.81	10.15
10938	2.56	2.50	.....	.....	2.18	10.10	10.00	12.28	.....	19.93	18.75
10889	.....	.....	..	.....	.30	14.95	14.00	15.25	.....	11.96	11.20
10747	1.26	1.00	1.92	1.00	1.27	8.20	8.00	9.47	.....	15.04	12.50
10888	....	.....	1.81	2.00	.42	10.54	10.00	10.96	.....	10.32	10.00
10893	1.36	2 00	2.44	3.00	1.40	10.64	8.00	12.04	.....	18.40	18.00
10903	5.63	7.00	4.62	5.00	.42	8.77	6.00	9.19	.. ....	33.27	35.50
10931	1.48	1.50	2.15	2.00	1.15	9.84	9.00	10.99	.....	17.63	16.25
10846	2.34	2.00	2.33	2.00	.77	10.19	9 00	10.96	.....	21.02	18.00
10744	.77	.50	2.10	1.50	.70	9.04	8.00	9.74	10.00	12.17	10.05
10753	2.08	1.50	1.56	1.50	.20	11.87	9.00	12.07	10.00	20.79	16.15
10827	2.63	2.00	3.01	2.50	.45	11.35	9.00	11.80	10 50	23.75	19.10
10756	.....	.....	....	.....	.88	15.04	14.00	15.92	.....	12.03	11.20
10754	.....	.....	2.41	2.00	.15	13.14	10.00	13.29	12.00	12.95	10.40
10847	1.71	1.00	2.67	3.00	.25	10.21	8.00	10.46	.....	18.97	14.50
10814	1.23	1.50	4.26	3.00	1.47	8.32	.....	9.79	.....	17.48	.....

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling. and Sampler, when not the College.)
10883	Lister's Ag'l Chem. Works, Baltimore, Md.	Alkaline Bone.....	Baltimore.....
10828	" " "	Ammoniated Dissolved Phosphate.	Chewsville.....
10860	" " "	Animal Bone and Potash No. 2.	Baltimore.....
10892	" " "	"G" Grain Fertilizer...	Baltimore.....
10782	" " "	Harvest Queen Phos...	Baltimore.....
10446	" " "	Harvest Queen Phos ..	Williamsburg..... (E. M. Todd)
10939	" " "	Harvest Queen Phos...	Hurlock ..... (C. Waddell.)
10761	" " "	Special Crop Producer..	Baltimore.....
10760	" " "	Standard Pure Bone Super Phos. of Lime.	Baltimore. .. ....
10829	Joseph Lister, Chicago. Ill.	Pure Bone Meal.....	Chewsville.....
10882	The Mapes Formula Co., N. Y.	Fruit and Vine Manure	Federalsburg.....
10866	D. B. Martin Co., Baltimore, Md.	Ground Bone.	Blue Ball.....
10865	" " "	Special Dissolved and Potash Compound.	Blue Ball.....
10748	Wm. McKenny, Centerville, Md.	McKenny's Compound.	Baltimore.....
10765	" " "	Soluble Phosphate No. 3.	Baltimore.....
10825	F. Mehring, Bruceville, Md.	Acid Phosphate.....	Winsport.....
10824	" " "	Dissolved Raw Bone...	Winsport.,.....
10823	" " "	Emmert's Half and Half.	Winsport.,.....
10838	" " "	General Crop Grower.	Taneytown.....
10826	" " "	Twenty-six Dollar Phosphate.	Winsport.....
10758	Miller Fertilizer Co. Baltimore, Md.	Ammoniated Dissolved Bone.	Baltimore.....
10885	" " "	Clinch Phosphate.....	Baltimore.....
10864	" " "	Ground Bone.....	Providence.....

No.	NITROGEN [Calculated as AMMONIA.		POTASH, K_2O		PHOSPHORIC ACID					Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble Found.	Available.		Total.			
	Found.	Guaranteed.	Found.	Guaranteed.		Found.	Guaranteed.	Found.	Guaranteed.		
10883	.....	.....	1.83	2.00	1.00	10.66	10.00	11.66	.....	$10.56	$10.00
10828	2.81	2.50	1.82	1.50	2.25	9.73	8.00	11.98	9.00	22.29	18.65
10860	.....	.....	2.46	2.00	1.05	10.64	10.00	11.69	.....	11.18	10.00
10892	1.04	1.00	3.55	4.00	.85	8.51	8.00	9.36	.....	16.04	15.50
10782	2.05	1.50	2.03	2.00	1.35	10.63	9.00	11.98	.....	20.38	16.25
10446	1.63	1.50	2.26	2.00	1.54	8.75	9.00	10.29	.....	17.34	16.25
10939	1.61	1.50	2.10	2.00	1.28	9.97	9.00	11.25	.....	18.22	16.25
10761	1.23	1.00	1.37	1.00	.95	8.03	7.00	8.98	.....	14.09	11.50
10760	3.07	3.00	2.39	2.00	1.42	9.92	9.00	11.34	.....	23.63	21.50
10829	2.82	4.00	.....	.....	.....	.....	.....	26.86	25.60	32.04	.....
10882	2.56	2.00	11.20	10.00	1.15	7.62	5.00	8.77	6.00	28.24	22.40
10866	2.05	2.00	.....	.....	....	.....	.....	24.93	50.00	29.16	.....
10865	1.79	2.00	1.60	2.00	3.07	10.39	8.00	13.46	16.00	19.49	20.20
10748	1.43	1.50	2.82	1.75	.95	10.02	10.00	10.97	.....	18.23	17.00
10765	.78	.30	1.76	1.62	.57	12.92	12.00	13.49	.....	14.94	12.27
10825	.. .	.....	.....	.....	2.17	16.76	15.00	18.93	16.00	13.41	12.00
10824	2.52	2.00	.....	.....	.15	16.30	14.00	16.45	15.00	25.18	21.40
10823	1.14	1.00	.....	.....	2.17	16.16	14.00	18.33	15.00	21.02	17.90
10838	1.14	.75	1.43	1.00	3.25	12.43	11.00	15.68	12.00	19.15	15.03
10826	1.72	1.25	1.29	1.00	3.42	12.90	12.00	16.32	13.00	21.58	17.78
10758	2.56	2.00	2.14	2.00	.72	9.44	8.00	10.16	.....	20.83	17.80
10885	.....	.....	2.12	2.00	1.72	9.52	10.00	11.24	.....	10.08	10.00
10864	3.79	3.00	.....	... .	... .	.....	.....	17.29	30.00	24.46	.....

No.	Name and Address of Manufacturer.	Name of Fertilizer	Place of Sampling. (and Sampler, when not the College.)
10418	Miller Fertilizer Co,, Baltimore, Md.	Ground Bone.	Woodensburg..... (A. Wooden).
10709	" " "	Harvest Queen.....	Baltimore.....
10708	" " "	Hustler Phosphate.....	Baltimore.....
10894	" " "	S. C. Rock.....	Baltimore.....
10757	" " "	Standard Phosphate ...	Baltimore.....
10419	" " "	Standard Phosphate....	Woodensburg. .. (A. Wooden).
10813	" " "	W. G. Phosphate.....	Eakles Mills.....
10706	Nassau Fertz. Co., N. Y.	Dissolved Bone.....	Baltimore.....
10712	" " "	Grass and Grain.....	Baltimore.....
10703	" " "	The Harvester.....	Baltimore,.....
10704	" " "	Plow Brand.....	Baltimore.....
10783	" " "	Potash and Phosphate..	Baltimore.....
10701	" " "	Sol. Bone Phosphate....	Baltimore.....
10702	" " "	Special Mixture.....	Baltimore.....
10422	Newport Fertilizer Co., Philadelphia, Pa.	Acid Phosphate.....	Cordova ..... (Wm. F. Jump).
10970	" " "	Bone Phosphate No. 1..	Ridgely.....
10800	" " "	Farmers Ammoniated Bone Phosphate.	Taneytown.. .....
10799	" " "	Fish Bone and Potash..	Taneytown.....
10871	" " "	Grain and Grass Special.	Liberty Grove ...
10878	" " "	Sol. Bone and Potash..	Ridgely... .....
10877	" " "	Special Compound	Ridgely. ... .
10436	" " "	Special Compound	Hobbs..... (J. Peter Cook).

No.	NITROGEN Calculated as AMMONIA.		POTASH, K_2O.		PHOSPHORIC ACID.					Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble Found.	Available.		Total.			
	Found.	Guaranteed.	Found.	Guaranteed.		Found.	Guaranteed.	Found.	Guaranteed.		
10418	4.33	4.00	.....	.....	.....	.....	.....	22.02	47.00	$27.55	.....
10709	1.53	1.25	2.18	2.25	.90	11.03	10.00	11.93	11.50	18.93	$17.23
10708	1.07	1.00	1.22	1.00	1.70	8.60	8.00	10.30	.....	14.25	12.50
10894	.....	.....	.....	.....	1.75	14.63	14.00	16.38	.....	11.70	11.20
10757	3.27	3.00	2.84	3.00	.88	8.80	8.00	9.68	10.00	23.44	22.30
10419	3.09	3.00	3.39	3.00	1.56	8.04	8.00	9.60	10.00	22.87	22.30
10813	.78	.50	1.40	1.00	1.82	9.11	7.00	10.93	9.00	11.78	8.75
10706	2.15	2.00	.....	.....	1.32	11.52	10.00	12.84	.....	19.58	19.00
10712	.....	.....	2.10	2.00	1.44	10.61	10.00	12.05	.....	10.88	10.00
10703	1.52	1.00	1.24	1.00	.97	8.63	7.00	9.60	.....	15.58	11.50
10704	2.18	2.00	2.39	2.00	1.22	8.37	8.00	9.59	.....	18.88	17.00
10783	.....	.....	4.54	5.00	.30	11.81	10.00	12.11	.....	14.05	13.00
10701	.....	.....	.....	.....	.54	15.36	14.00	15.90	.....	12.29	11.20
10702	1.11	.50	1.12	1.00	1.07	9.22	8.00	10.29	.....	14.66	10.75
10422	.....	.....	.....	.....	1.96	11.66	14.00	13.62	.....	9.33	11.20
10970	1.43	2.00	2.09	2.00	3.40	7.51	8.00	10.91	9.00	15.97	17.40
10800	1.03	1.00	2.43	4.00	2.88	8.60	8.00	11.48	9.00	15.79	15.90
10799	1.62	2.00	5.84	5.00	1.10	8.48	7.00	9.58	8.00	20.43	19.40
10871	.58	.50	1.22	2.00	1.94	9.90	8.00	11.84	.....	11.56	10.15
10878	.....	.....	1.06	2.00	3.82	9.71	10.00	13.53	11.00	9.59	10.20
10877	.72	1.25	2.26	2.00	1.72	9.41	10.00	11.13	11.00	12.65	14.58
10436	.89	1.25	1.75	2.00	2.18	7.91	10.00	10.09	11.00	11.64	14.58

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling. (and Sampler when not the College.)
10919	G. Ober & Sons Co., Baltimore Md.	Ammoniated Super Phosphate Bone.	Easton
9821	" " "	Avondale Ammoniated Dissolved Bone.	Brandywine (G. N. Waters.)
10895	" " "	Dissolved Animal Bone.	Baltimore
10755	" " "	Dissolved Bone Phosphate.	Baltimore
10414	" " "	Dissolved Bone Phosphate.	Reid (J. F. Young.)
10769	" " "	Dissolved Bone Phosphate and Potash.	Baltimore
10771	" " "	Farmers' Mixture	Baltimore
10879	" " "	Farmers' Standard Ammoniated Phosphate.	Denton
10923	" " "	Fish Bone and Potash Mixture.	White Marsh
10859	" " "	Independent Ammoniated Super Phosphate.	Baltimore
10924	" " "	Pure Bone Meal	White Marsh
10775	" " "	Soluble Ammoniated Super Phos. of Lime.	Baltimore
10774	" " "	Thawley's Special Wheat Formula No. 1.	Baltimore
10743	Patapsco Guano Co., Baltimore, Md.	Baltimore Soluble Phos.	Baltimore
10724	" " "	Coon Brand	Baltimore
10897	" " "	Dissolved Raw Bone	Snow Hill
10722	" " "	Grain and Grass Producer.	Baltimore
10844	" " "	High Grade Bone and Potash.	Baltimore
10721	" " "	Sea Gull	Baltimore
10932	" " "	Sea Gull	Wye Island (Jos. Raisin.)
10723	" " "	Soluble Bone and Potash.	Baltimore
10967	" " "	Soluble Bone and Potash.	Baltimore
10759	" " "	Special Wheat Compound.	Baltimore

No.	NITROGEN Calculated as AMMONIA.		POTASH, K_2O.		PHOSPHORIC ACID.					Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble Found.	Available.		Total.			
	Found.	Guaranteed.	Found	Guaranteed.		Found.	Guaranteed.	Found.	Guaranteed.		
10919	2.63	2.00	3.16	2.00	2.40	11.08	8.00	13.48	.....	$24.41	$17.00
9821	2.28	2.25	2.76	1.50	1.14	11.75	8.50	12.89	.....	22.95	17.88
10895	3.67	3.00	.....	.....	2.82	10.75	10.00	13.57	.....	24.73	20.50
10755	.....	.....	.....	.....	1.45	16.73	14.00	18.18	.....	13.38	11.20
10414	.....	.....	.....	.....	1.24	15.01	14.00	16.25	.....	12.01	11.20
10769	.....	.....	2.43	2.00	2.20	12.27	10.00	14.47	.....	12.69	10.00
10771	1.50	1.00	2.30	2.00	2.22	10.72	9.00	12.92	.....	19.14	14.50
10879	2.35	2.00	2.34	2.00	2.45	11.03	9.00	13.48	.....	22.58	18.00
10923	3.42	3.25	3.73	3.50	1.65	9.07	8.00	10.72	10.00	25.43	23.68
10859	1.53	1.00	1.35	1.00	2.77	10.63	8.00	13.40	.....	18.45	12.50
10924	2.83	3.00	.....	.....	.....	.....	.....	26.08	22.00	.....	.....
10775	2.30	2.00	3.72	2.00	2.00	10.92	8.00	12.92	.....	23.49	17.00
10774	1.79	1.00	2.37	2.00	2.30	10.01	9.00	12.31	.....	19.57	14.50
10743	.....	.....	1.98	2.00	.50	12.00	11.00	12.50	.....	11.68	10.80
10724	1.36	1.00	3.16	3.00	.95	9.86	9.00	10.81	.....	18.16	15.50
10897	2.64	2.50	.....	.....	1.72	13.23	12.00	14.95	.....	23.16	20.75
10722	1.26	1.00	4.04	4.00	.87	8.68	8.00	9.55	10.00	17.48	16.30
10844	.....	.....	5.41	5.00	.20	10.98	11.00	11.18	.....	14.23	13.80
10721	1.30	1.00	1.81	1.00	1.10	8.61	8.00	9.71	.....	15.41	12.50
10932	1.28	1.00	1.61	1.00	.95	8.51	8.00	9.46	.....	14.98	12.50
10723	.....	.....	1.67	2.00	1.20	10.04	10.00	11.24	.....	9.94	10.00
10967	.....	.....	2.68	2.00	1.35	8.98	10.00	10.33	.....	10.13	10.00
10759	2.39	2.25	2.60	2.50	2.20	11.55	9.00	13.75	14.00	23.40	21.38

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling. (and Sampler when not the College.)
10751	Patapsco Guano Co., Balmore, Md.	Woodall's Alkaline Bone.	Baltimore
10750	" " "	Woodall's Dissolved S. C. Bone.	Baltimore
10400	" " "	Woodall's Pure Dis. S. C. Bone.	Cambridge. (T. H. Hopkins).
10797	Pearre & Clemson, Union Bridge, Md.	No. 1 Bone Phosphate	Union Bridge
10795	" " "	Farmers Choice	Union Bridge
10796	" " "	Union Bridge Favorite	Union Bridge
10905	Piedmont-Mt. Airy Guano Co., Balto., Md.	Ammoniated Sol. Bone.	Snow Hill
10875	" " "	Caroline Mixture	Greensboro
10950	" " "	Caroline Mixture	Greensboro. (W. E Orrell).
10832	" " "	Dis. Bone Phosphate	Maugansville
10884	" " "	Farmers High-Grade Bone and Potash.	Baltimore
10850	" " "	Fish Guano	Baltimore
10731	" " "	High-Grade S. C. Rock	Middletown
10852	" " "	High-Grade S. C. Bone.	Baltimore
10904	" " "	S. C. Rock	Snow Hill
10730	" " "	Insula Guano	Middletown
10848	" " "	Levering's Ammoniated Bone.	Baltimore
10728	" " "	Levering's Excelsior	Middletown
10886	" " "	Levering's Harvest Queen.	Baltimore
10831	" " "	Levering's I. X. L. Crop Producer.	Maugansville
10872	" " "	Levering's Standard	Leslie
10853	" " "	Pure Dis. Animal Bone.	Baltimore
10773	" " "	Pure Raw Bone Mix	Baltimore

No.	NITROGEN Calculated as AMMONIA.		POTASH, K_2O.		PHOSPHORIC ACID.					Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble Found.	Available		Total.			
	Found.	Guaranteed.	Found.	Guaranteed.		Found.	Guaranteed.	Found.	Guaranteed.		
10751	.....	.....	3.01	3.00	.22	12.56	12.00	12.78	13.00	$13.10	$ 12.80
10750	.....	.....	.....	.....	.22	16.58	14.00	16.80	15.00	13.26	11.20
10400	.....	.....	.....	.....	1.41	15.40	14.00	16.81	.....	12.32	11.20
10797	2.18	2.00	2.59	2.50	2.82	10.96	10.00	13.78	.....	22.31	19.50
10795	1.03	1.00	2.00	1.75	2.02	10.76	9.00	12.78	.....	17.16	14.25
10796	1.60	1.50	2.27	2.25	2.48	11.44	9.00	13.92	.....	20.30	16.50
10905	....	.....	.....	.....	1.15	10.59	10.00	11.74	12.00	8.47	8.00
10875	1 26	1.00	2.32	2.00	1.20	9.57	8.00	10.77	.....	16.78	13.50
10950	1.20	1.00	2.82	2.00	1.50	8.76	8.00	10.26	... .	16.38	13.50
10832	.....	.....	.....	.....	1.67	14.00	14.50	16.27	15.50	11.68	11.60
10884	.....	.....	2.21	2.00	1.82	9.25	10.00	11.07	.....	9.97	10.00
10850	1.88	2 00	2.03	2.00	.95	8.99	8.00	9.94	.....	17.98	17.00
10731	.....	.....	....	.....	.80	15.79	14.00	16.59	15.00	12.63	11.20
10852	.....	.....	....	... .	1.78	14.97	14.00	16.75	.....	11.98	11.20
10904	....	.....	.....	.....	.62	14.53	14.00	15.15	.....	11.62	11.20
10730	.53	.37	1.53	1.00	.88	9.66	7.00	10.54	.....	11.30	7.90
10848	1.13	1.00	3.24	3.00	.77	9.28	9.00	10.05	11.00	16.79	16.30
10728	1.07	1.00	1.24	1.00	1.40	8.49	8.00	9.89	.....	12.06	10.90
10886	1.13	1.00	1.47	2.00	1.75	8.30	8.00	10.05	10.00	14.43	14.30
10831	.....	.....	3.02	3.00	.90	11.41	10.00	12.31	12.00	12.33	11.40
10872	2.05	2.00	3.31	3.00	.72	8.69	8.00	9.41	.....	19.47	18.00
10853	1.71	2.50	.....	.... .	1.47	11.00	11.00	12.47	15.00	17.58	21.35
10773	1.36	1.25	2.25	1.50	4.57	8.40	8.00	12.97	.....	17.24	13.88

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling, (and Sampler when not the College.)
10876	Piedmont-Mt. Airy Guano Co., Baltimore, Md.	Royal Ammoniated Bone & Potash.	Greensboro.....
10729	" " "	Soluble Bone and Potash.	Middletown .....
10854	" " "	Soluble Bone and Potash.	Baltimore.....
10849	" " "	Special Potash Mixture.	Baltimore.....
10851	" " "	Wheat Compound.....	Baltimore.....
10948	" " "	Wheat Compound.....	Vienna..... (Emil Hoernecke).
10749	R. H. Pollock, Baltimore, Md.	Ammoniated Bone Phosphate.	Baltimore.....
10735	" " "	Dissolved S. C. Bone....	Emmitsburg .....
10417	" " "	Dissolved S. C. Bone...	Sykesville .. ... (G. H. Bevard).
10966	" " "	Dissolved S. C. Bone ...	Hurlock .....
10780	" " "	Ground Animal Bone...	Baltimore.....
10732	" " "	Hammond's Ammoniated Bone Phosphate.	Walkersville .....
10428	" " "	Pure Bone Meal	Taneytown..... (Wm. K. Eckert).
10855	" " "	Soft Ground Bone.....	Baltimore.....
10736	" " "	Special Wheat..... ..	Emmitsburg .....
10960	" " "	Special Wheat Grower..	New London.. ... (J. G. Jones).
10734	" " "	Victor Bone Phosphate.	Emmitsburg.....
10697	Lewis M. Price, Smyrna, Del.	Corbit Mixture.....	Locust Grove..... (Thos. Van Dyke)
10738	Ramsburg Fertilizer Co., Frederick, Md.	Alkaline Phosphate ...	Mt. Airy.....
10727	" " "	Ammoniated Bone.....	Middletown.....
10737	" " "	Dissolved Animal Bone.	Mt. Airy.....
10726	" " "	Dissolved Bone*.....	Middletown.....
10968	" " "	Dissolved Bone Super Phosphate.	Tuscarora.....

* Dissolved Rock.

No.	NITROGEN Calculated as AMMONIA.		POTASH, K_2O.		PHOSPHORIC ACID.					Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble Found.	Available.		Total.			
	Found.	Guaranteed.	Found.	Guaranteed.		Found.	Guaranteed.	Found.	Guaranteed.		
10876	1.36	1.30	2.03	3.00	.95	9.00	6.00	9.95	.....	$16.17	$13.55
10729	.....	.....	2.14	2.00	.72	7.92	8.00	8.64	.....	8.62	8.40
10854	.....	.....	2.42	2.00	1.10	8.37	8.00	9.47	.....	9.34	8.40
10849	.....	.....	5.72	5.00	1.27	10.53	10.00	11.80	.....	14.39	13.00
10851	.....	.....	6.09	5.00	1.22	13.01	12.00	14.23	.....	16.74	14.60
10948	.....	.....	4.81	5.00	1.20	12.68	12.00	13.88	.....	15.19	14.60
10749	1.98	2.00	2.21	2.00	1.57	8.53	8.00	10.10	9.00	13.30	17.40
10735	.....	.....	.....	.....	1.45	13.75	14.00	15.20	15.00	11.00	11.20
10417	.....	.....	.....	.....	1.60	14.38	14.00	15.98	15.00	11.50	11.20
10966	.....	.....	.....	.....	.80	15.50	14.00	16.30	15.00	12.40	11.20
10780	4.93	4.00	.....	.....	.....	.....	.....	23.30	47.00	33.14	.....
10732	.61	.50	1.38	1.00	1.42	8.20	8.00	9.62	9.00	10.36	9.35
10428	4.17	4.00	.....	.....	.....	.....	.....	23.20	22.00	31.88	.....
10855	2.68	3.00	.....	.....	1.12	12.12	14.00	13.24	.....	21.95	24.50
10736	1.02	1.00	2.21	2.00	.98	9.16	8.00	10.14	9.00	15.33	13.90
10960	1.06	1.00	2.18	2.00	2.02	9.54	8.00	11.56	9.00	16.24	13.90
10734	.....	.....	1.51	1.00	1.50	8.90	9.00	10.40	10.00	8.93	8.40
10697	.....	.....	5.02	5.00	.69	12.15	12.00	12.84	.....	14.88	14.60
10738	.....	.....	2.06	2.00	2.65	11.63	10.00	14.28	11.00	11.89	10.20
10727	1.02	1.00	1.85	2.00	2.72	10.22	10.00	12.94	12.00	16.73	16.30
10737	2.46	2.00	.....	.....	3.57	12.25	12.00	15.82	.....	22.29	19.00
10726	.....	.....	.....	.....	3.90	13.52	14.00	17.42	16.00	10.82	11.20
10968	.....	.....	.....	.....	2.25	15.39	14.00	17.64	16.00	12.31	11.20

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling, (and Sampler when not the College.)
10909	Ramsburg Fertilizer Co., Frederick, Md.	Excelsior Half and Half.	Park Mills
10740	" " "	Excelsior	Mt. Airy
10807	" " "	Old Virginia Compound.	Kumps
10830	" " "	Pure Raw Bone	Reid
10816	Rasin – Monumental Co., Baltimore, Md.	Rasin's Acid Phosphate	Cumberland
10874	" " "	Ammon'd Super-Phos.	Greensboro
10902	" " "	Arundel Complete.	Princess Anne
10808	" " "	Bone and Potash Fertilizer.	Taneytown
10920	" " "	Cataract Bone	Easton
10802	" " "	Birely's Dissolved Animal Bone and Potash.	Middleburg
10839	" " "	Raisin Dissolved Bone.	Gaithersburg
10421	" " "	Birely's Dissolved Bone.*	Frederick (Josiah Crum.)
10435	" " "	Birely's Dissolved Bone.*	Keysville (Edward Shorb.)
10815	" " "	Empire Guano	Cumberland
10843	" " "	Ground Bone	Silver Springs.
10873	" " "	Rasin's I. X. L.	Geensboro
10439	" " "	Rasin's I. X. L.	Woodstock (Frank Parlett.)
10935	" " "	Rasin's I. X. L.	Hambleton (H. H. Langsdale)
10881	" " "	Monumental Sol. Bone Phosphate & Potash.	Federalsburg
10766	" " "	Special Bone and Potash	Baltimore
10685	" " "	Special Bone and Potash	St. Inigoes (Jno. T. Morris).
10801	" " "	Birely's Special Mixture	Middleburg
10928	" " "	Tuscarora Ammoniated Bone.	Baltimore

*Dissolved Rock.

No.	NITROGEN Calculated as AMMONIA.		POTASH, K_2O.		PHOSPHORIC ACID.					Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble Found.	Available.		Total.			
	Found.	Guaranteed.	Found.	Guaranteed.		Found.	Guaranteed.	Found.	Guaranteed.		
10909	1 13	1.00	.66	1.00	2.97	13.17	10.00	16.14	12.00	$18.98	$15.30
10740	1.72	2.00	2.05	2.00	2.65	12.49	9.00	15.14	.....	21.62	18.00
10807	1.82	1.50	2.05	2.00	2.82	11.02	9.00	13.84	11.00	20.57	17.05
10830	4.11	4.00	.....	.....	.....	.....	.....	20.51	45.00	30.41	.....
10816	.....	.....	.....	.....	2.67	14.68	14.00	17.35	.....	11.74	11.20
10874	1.36	1.00	1.66	1.00	2.40	7.82	8.00	10.22	.....	15.20	12.50
10902	2.59	2.00	2.04	2.00	2.95	8.09	8.00	11.04	.....	20.38	17.00
10808	.....	.....	2.03	2.00	1.80	11.49	10.00	13.29	.....	11.58	10.00
10920	.....	.....	2.91	3.00	.85	13.92	13.00	14.77	.....	14.22	13.40
10802	1.36	1.00	2.27	2.00	2.18	8.06	9.00	10.24	.....	15.96	14.50
10839	2.47	2.00	.....	.....	4.18	9.57	10.00	13.75	.....	19.89	17.00
10421	.....	.....	.....	.....	1.95	14.47	14.00	16.42	.....	11.58	11.20
10435	.....	.....	.....	.....	1.41	15.26	14.00	16.67	.....	12.20	11.20
10815	2.31	2.00	2.07	2.00	3.12	7.73	8.00	10.85	.....	19.14	17.00
10843	2.39	3.00	.....	.....	.....	.....	.....	21.40	45.00	27.03	.....
10873	1.37	1.00	2.24	3.00	3.45	7.28	9.00	10.73	.....	15.70	15.50
10439	2.11	1.00	2.43	3.00	.81	8.80	9.00	9.61	.....	18.94	15.50
10935	1.17	1.00	2.53	3.00	2 70	8.06	9.00	10.76	.....	15.77	15.50
10881	.....	.....	2.27	2.00	2.33	10.56	10.00	12.89	.....	11.19	10.00
10766	.....	.....	3.28	2.00	1.52	12.23	10.00	13.75	.....	13.36	10.00
10685	.....	.....	3.75	3.00	1.17	12.66	12.00	13.83	.....	14.11	12.60
10801	.....	.....	2.05	2.00	1.57	11.19	10.00	12.76	.....	11.31	10.00
10928	1.36	1.00	2.18	2.00	2.47	7.98	9.00	10.45	.....	15.91	14.50

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling, (and Sampler when not the College.)
10719	Henry Reckord Mfg. Co., Bel Air, Md.	Dissolved Bone	Baltimore
10718	" " "	Dissolved S. C. Bone	Baltimore
10752	" " "	Special Compound	Baltimore
10433	The Isaac Robinson Co., Baltimore, Md.	Special Mixture	Libertytown (Marcellus Beall).
10926	W. E. Robinson, Bel Air, Md.	Wheat and Tomato Fertilizer.	Bradshaw
10794	W. G. Rinehart, Union Bridge, Md.	No. 2 Bone Phosphate	Union Bridge
10793	" " "	No. 3 Bone Phosphate	Union Bridge
10788	Chas. Schaeffer, Westminster, Md.	Big Gun	Westminster
10787	" " "	Governor	Westminster
10789	" " "	High-Grade Acid Phos.	Westminster
10786	" " "	Leader	Westminster
10785	" " "	Super A	Westminster
9819	Scott Fertilizer Co., Elkton, Md.	Bush River Brand	Perryman
10867	" " "	Grain Special	Childs
10868	" " "	Pure Ground Bone	Childs
10698	" " "	Soluble Bone	Locust Grove (Thos. Van Dyke).
10691	" " "	Soluble Bone and Pot.	Lynch's. (J. P. Van Dyke).
10863	" " "	Steamed Bone	Childs
10862	" " "	Sure Growth Super Phosphate.	Childs
10861	" " "	Tip Top and Potash	Childs
10913	" " "	Wheat and Grass Grower.	Rising Sun
10444	M. L. Shoemaker, Philadelphia, Pa.	Swift Sure Guano	Ridgely (J. M. Short).
10700	Southern Fertilizer Co., York, Pa.	Ammoniated Dis. Bone.	Baltimore

No.	NITROGEN Calculated as AMMONIA.		POTASH, K_2O.		PHOSPHORIC ACID.					Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble Found.	Available.		Total.			
	Found.	Guaranteed.	Found.	Guaranteed.		Found.	Guaranteed.	Found.	Guaranteed.		
10719	2.39	2.50	.....	.....	1.60	12.66	12.00	14.26	13.00	$21.67	$21.15
10718	.....	.....	...	.....	.28	15.46	14.00	15.74	.....	12.37	11.20
10752	2.11	2.00	2.15	2.00	1.18	9.08	9.00	10.26	.....	19.09	18.00
10433	2.38	2.00	2.32	2.00	2.39	11.22	10.00	13.61	.....	22.83	19.00
10926	1.47	2.00	2.18	2.00	2.10	8.78	8.00	10.88	.....	16.95	17.00
10794	1.92	1.55	2.36	2.50	1.32	11.63	8.27	12.95	.....	21.24	16.20
10793	1.48	.75	2.33	3.21	1.57	8.75	8.59	10.32	.....	16.89	14.43
10788	2.08	2.00	2.41	2.00	1.10	11.13	10.00	12.23	.....	21.26	19.00
10787	1.57	1.50	3.04	2.50	.50	11.40	9.00	11.90	.....	20.14	16.75
10789	.....	.....	.....	.....	.10	15.93	14.00	16.03	.....	12.74	11.20
10786	1.14	1.00	2.21	1.50	1.42	9.25	8.00	10.67	.....	16.02	13.00
10785	1.02	.75	1.55	1.00	1.25	9.20	8.00	10.45	9.00	14.82	12.03
9819	4.17	4.00	7.87	7.00	1.16	8.34	7.00	9.50	.....	32.84	29.04
10867	.65	.50	3.51	4.00	.27	13.42	10.00	13.69	.....	16.58	13.75
10868	4.67	4.00	.....	.....	.....	.....	.....	22.95	22.00	30.87	.....
10698	.....	.....	.....	.....	.39	16.79	14.00	17.18	.....	13.43	11.20
10691	.....	.....	4.89	5.00	.72	14.68	12.00	15.40	.....	16.77	14.60
10863	4.60	4.00	.....	.....	.....	.....	.....	21.05	50.00	31.44	.....
10862	2.34	2.00	2.32	2.00	.62	13.26	10.00	13.88	12.00	24.02	19.80
10861	.....	.....	1.73	2.00	.42	14.33	11.00	14.75	.....	13.27	10.80
10913	.65	.50	2.37	2.00	.15	11.29	8.00	11.44	10.00	13.71	10.55
10444	2.51	2.00	6.04	5.00	1.83	10.96	8.00	12.79	.....	26.52	20.00
10700	2.05	2.00	2.92	2.50	1.22	10.71	10.00	11.93	.....	21.30	19.50

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling, (and Sampler when not the College.)
10403	Southern Fertilizer Co., York, Pa.	Ammoniated Dissolved Bone.	Rockville.....
10423	" " "	Ammoniated Dissolved Bone.	Forest Hill..... (T. B. Hull.)
10717	" " "	Dissolved Bone Phosphate.	Baltimore. .....
10402	" " "	Dissolved Bone Phosphate.	Rockville.....
10715	" " "	Farmers Choice Brand.	Baltimore.....
10720	" " "	Farmers Mixture.....	Baltimore.....
10710	" " "	General Crop Grower....	Baltimore.....
10713	" " "	Ox Brand Bone and Potash Mixture.	Baltimore.....
10880	" " "	Ox Brand Dissolved Bone Phosphate.	Hobbs ... .
10716	" " "	Pure Ground Bone...	Baltimore.....
10733	G. W. Stocksdale, Thurmont, Md.	Ammoniated Super Phosphate.	Thurmont.....
10792	H. S. Stouffer, Westminister, Md.	Butcher House Phosphate.	New Windsor.....
10791	" " "	Stouffer's Wheat Grower.	New Windsor.....
10819	J. W. Stonebraker & Son, Hagerstown, Md.	Bone Meal.....	Hagerstown.....
10925	W. H. Street & Co., Falston, Md.	Ammoniated Dissolved Bone.	White Marsh.. ...
10841	J. W. Sullivan, Monrovia, Md.	Ammoniated Fertilizer for Wheat & Grass.	Damascus .. ..
10776	H. S. Taveau & Co., Baltimore, Md.	Dissolved S. C. Bone ...	Baltimore.....
10784	" " "	Raw Bone Meal.....	Baltimore..... ...
10770	" " "	Special Wheat Mixture.	Baltimore.....
10777	" " "	Wheat & Grass Compound.	Baltimore. .. ....
10431	Taneytown Elevator Co., Taneytown, Md.	Tankage.....	Copperville..... (W. E. O. Hiner.)
10835	I. P. Thomas & Sons Co., Philadelphia, Pa.	Alkaline Bone.....	Hagerstown.....
10818	" " "	Dissolved Phosphate .	Hancock .. ..

No.	NITROGEN Calculated as AMMONIA.		POTASH, K_2O.		PHOSPHORIC ACID.					Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble Found.	Available.		Total.			
	Found.	Guaranteed.	Found.	Guaranteed.		Found.	Guaranteed.	Found.	Guaranteed.		
10403	2.05	2.00	2.87	2.50	1.63	10.53	10.00	12.16	.....	$21.23	$19.50
10423	2.05	2.00	2.32	2.50	1.06	10.28	10.00	11.34	.....	20.20	19.50
10717	.....	.....	.....	.....	.50	15.26	14.00	15.76	.....	12.21	11.20
10402	.....	.....	.....	.....	.78	14.85	14.00	15.63	.....	11.88	11.20
10715	1.15	1.00	2.20	2.00	1.32	9.98	9.00	11.30	.....	16.74	14.50
10720	.....	.....	1.59	2.00	1.22	10.31	10.00	11.53	.....	10.08	10.00
10710	.80	1.50	2.52	2.00	1.25	8.71	8.00	9.96	.....	12.54	15.25
10713	.....	.....	2.55	2.00	1.25	8.45	8.00	9.70	.....	9.56	8.40
10880	2.08	2.00	2.31	2.50	1.07	11.02	10.00	12.09	.....	21.04	19.50
10716	4.18	4.00	.....	.....	.....	.....	.....	19.16	40.00	27.96	.....
10733	1.53	1.00	2.86	2.25	.35	11.05	9.00	11.40	.....	19.41	14.75
10792	1.08	.75	3.25	2.50	.45	9.06	8.00	9.51	9.00	16.27	13.53
10791	.85	.50	3.75	2.00	.37	8.99	7.50	9.36	9.50	13.99	10.15
10819	5.42	4.00	.....	.....	.....	.....	.....	19.38	20.00	33.58	.....
10925	1.61	1.50	2.30	2 00	.95	9.24	9.00	10.19	.....	17.56	16.85
10841	1.57	1.00	1.30	1.00	1.75	8.46	8.00	10.21	9.20	15.86	12.98
10776	.....	.....	.....	.....	.28	15.18	14.00	15.46	.....	12.14	11.20
10784	3.87	4.50	.....	.....	.....	.....	.....	21.34	.....	28.63	.....
10770	.....	.....	2.62	2.50	1.05	9.35	10.00	10.40	11.00	10.31	10.70
10777	.....	.....	2.59	2.50	.62	11.84	11.00	12.46	.....	12.18	11.30
10431	9.45	10.00	.....	.....	.....	.....	.....	4.84	.....	31.25	.....
10835	.....	.....	2.54	2.00	1.22	9.87	10.00	11.09	12.00	10.68	10.40
10818	.....	.....	.....	.....	2.12	10.11	10.00	12.23	11.00	8.09	8.00

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling, (and Sampler when not the College.)
10837	I. P. Thomas & Sons Co., Philadelphia, Pa.	Improved Super Phosphate.	Hagerstown.....
10833	" " "	S. C. Phosphate. ...	Hagerstown.....
10834	" " "	Special Alkaline Bone...	Hagerstown.....
10836	" " "	Superior Super Phosphate.	Hagerstown.....
10810	D. A. Thomas, Hagerstown, Md.	Bone Mixture.....	Sharpsburg....
10822	" " "	Dissolved Bone.....	Hagerstown.....
10406	" " "	Dissolved Bone....	Reiffs..... (El'd McLaughlin.)
10820	" " "	Dissolved Bone Phosphate.	Hagerstown. ....
10811	" " "	Farmers Mixture.....	Eakles Mills.....
10821	" " "	Fine Raw Bone.....	Hagerstown.....
10812	" " "	Soluble Bone and Potash.	Eakles Mills. .....
10898	Wm. B. Tilghman & Co., Salisbury, Md.	Bone and Tankage Mixture.	Snow Hill.....
10899	" " "	Fish Bone and Potash.	Salisbury.....
10900	" " "	Fish Mixture..... .. .	Salisbury.....
10901	" " "	Mixture B.....	Salisbury.....
10858	Turner & Sons. Betterton, Md.	[B] Bone Phosphate for Wheat and Grass.	Baltimore.....
10929	" " "	Wheat & Grass Grower.	Baltimore.....
10908	J. Tyson & Sons, Frederick, Md.	Ammoniated Super Phosphate.	Park Mills.....
10742	" " "	Dissolved S. C.....	Urbana.. .....
10907	" " "	Half and Half.....	Park Mills .....
10906	" " "	Special Mixture.....	Park Mills .....
10840	Va. Carolina Chemical Co., Richmond, Va.	Ammoniated Bone.....	Purdum.....
10695	" " "	Dissolved Bone.....	Bartholows..... (F H. Engle.)

No.	NITROGEN Calculated as AMMONIA.		POTASH, K_2O.		PHOSPHORIC ACID.					Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble Found.	Available.		Total.			
	Found.	Guaranteed.	Found.	Guaranteed.		Found.	Guaranteed.	Found.	Guaranteed.		
10837	1.07	1.00	1.35	1.00	1.82	10.48	10.00	12.30	12.00	$16.31	$15.30
10833	.....	.....	....	....	1.17	13.74	14.00	14.91	16.00	10.99	11.20
10834	....	.....	4.06	4.00	1.85	10.06	10.00	11.91	12.00	12.48	12.20
10836	1.11	1.00	1.37	1.00	.82	7.54	7.00	8.36	8.00	13.13	11.90
10810	2.06	2.00	2.80	2.00	.15	12.10	10.00	12.25	.....	22.17	19.00
10822	2.52	2.50	4.25	4.00	.28	11.11	10.00	11.39	.. ....	24.29	22.75
10406	2.57	2.50	4.61	4.00	.99	9.80	10.00	10.79	.....	23.80	22.75
10820	....	.....	....	.....	2.55	15.19	14.00	17.74	... .	12.15	11.20
10811	1.53	1.50	2.35	1.50	1.20	8.98	8.00	10.18	....	17.17	14.75
10821	4.74	4.00	....	.....	....	.....	.....	20.31	*45.00	32.25	.....
10812	.....	.....	2.42	2.25	.15	12.47	11.00	12.62	.....	12.43	11.05
10898	2.05	2.50	2.11	2.00	1.62	10.96	8.00	12.58	10.00	20.90	19.55
10899	1.03	1.00	2.06	2.00	.77	12.37	10.00	13.14	.....	18.38	15.50
10900	2.51	3.00	2.52	2.00	1.67	10.32	7.00	11.99	.....	22.30	19.50
10901	3.80	4.00	4.04	3.50	1.40	8.57	8.00	9.97	.....	26.47	25.50
10858	2.18	1.75	2.15	2.50	1.22	10.46	10.00	11.68	.....	20.73	18.63
10929	1.14	1.00	2.54	2.00	1.45	10.26	8.00	11.71	.....	17.37	13.50
10908	1.43	1.50	1.26	2.00	1.92	10.06	12.00	11.98	.. ....	17.10	19.25
10742	....	.....	....	.....	1.00	14.95	14.00	15.95	.....	11.96	11.20
10907	.85	1.50	.62	1.00	1.37	11.49	12.00	12.86	.....	13.06	15.85
10906	1.11	1.00	1.34	1.00	1.22	9.37	8.00	10.59	.....	15.09	12.50
10840	2.06	2.00	1.72	2.00	2.42	10.69	10.00	13.11	.. ...	20.59	19.00
10695	1.43	2.50	1.27	.....	1.56	14.36	12.00	15.92	.....	21.26	20.75

* "Bone Phosphate."

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Place of Sampling, (and Sampler, when not the College.)
10694	Va. Carolina Chemical Co., Richmond Va.	Dissolved Bone.....	Bartholows..... (C. C. Ridgely.)
10910	" " "	Excelsior Ammoniated Phosphate.	Licksville .....
10741	" " "	Guaranteed 14% Acid Phosphate.	Woodsboro.....
10693	" " "	Pure Dissolved Bone ..	Mt. Airy..... (Jno .M. Clay.)
10696	" " "	Rock & Potash	Bartholows..... (C. C. Ridgely)
10692	" " "	Special Bone and Potash.	Mt. Airy..... (Jno. M. Clay.)
10922	" " "	Special Compound for Wheat.	Easton .....
10790	" " "	V. C. C. Special Formula.	Trevanion .....
10842	" " "	Standard Bone and Potash.	Mt. Airy.....
10890	S. L. Webster & Son, Cambridge, Md.	Ammoniated Bone Phosphate No. 2.	Baltimore..... ...
10915	" " "	Bone and Potash.....	Rhodesdale.....
10916	" " "	Old Dorset..	Rhodesdale.....
10917	" " "	Times Brand Bone Phosphate.	Vienna.....
10763	R. A. Wooldridge Co., Baltimore, Md.	Buffalo Bone Stock Phosphate.	Baltimore.....
10711	" " "	Champion Giant Phosphate.	Baltimore. .....
10887	" " "	Chieftain Bone Stock Phosphate.	Baltimore.....
10762	" " "	Florida Acid Phosphate.	Baltimore.....
10764	" " "	German Potash Mixture.	Baltimore .....
10707	" " "	Liberty Bell Potash Mixture.	Baltimore.....
10416	" " "	Liberty Bell.....	Easton... .. .. (E. J. Gretzinger.)
10714	" " "	Triumph Phosphate.....	Baltimore.....

No.	NITROGEN Calculated as AMMONIA.		POTASH K_2O.		PHOSPHORIC ACID.					Comparative Value per Ton Found.	Comparative Value per Ton Guaranteed.
					Insoluble Found.	Available.		Total.			
	Found.	Guaranteed.	Found.	Guaranteed.		Found.	Guaranteed.	Found.	Guaranteed.		
10694	1.10	2.50	1.35	.....	1.73	13.54	12.00	15.27	.....	$19.43	$20.75
10910	2.05	2.00	1.75	2.00	1.17	7.86	8 00	9.03	.....	17.26	17.00
10741	.....	... .	....	.....	1.40	15.36	14.00	16.76	.....	12.29	11.20
10693	1.53	2.50	.74	.....	1.66	14.59	12.00	16.25	.....	21.35	20.75
10696	....	..... .	4.19	3.00	.90	13.76	12.00	14.63	.....	15.38	12.60
10692	.....	.....	4.03	3.00	.92	13.18	12.00	14.10	.....	14.75	12.60
10922	1.40	1.00	1.41	1.00	3.90	6.96	8.00	10.86	.....	14.83	12.50
10790	.78	0.50	1.20	1.00	2.67	7.90	8.00	10.57	.....	10.78	9.15
10842	....	.....	1.54	2.00	2.22	10.54	10.00	12.76	.....	10.41	10.00
10890	2.25	2.00	1.95	2.00	1.70	8.78	8.00	10.48	9.00	19.29	17.40
10915	....	.....	2.54	3.00	1.50	10.70	9.00	12.20	11.50	11.40	10.70
10916	.73	.50	4.49	4.00	1.32	9.54	8.00	10.86	9.50	14.94	12.45
10917	.41	.50	3.13	3.00	2.65	11.29	9.00	13.94	10.50	14.13	12.25
10763	2.56	2 50	..	.....	1.15	11.18	10.00	12.33	11.00	20.60	19.15
10711	1.33	1.00	2.28	2.00	.87	9.24	9.00	10.11	10.50	16.53	15.10
10887	2.05	2.00	2.36	2.00	1.60	8.89	8.00	10.49	.....	19.07	17.00
10762	.....	.....	.....	.....	.47	14.32	14.00	14.79	15.00	11.46	11.20
10764	....	.....	2.08	2.00	1.00	9.81	10.00	10.81	11.00	10.13	10.20
10707	.....	.....	3.20	3.00	.26	12.39	12.00	12.65	13.00	13.16	12.80
10416	.....	.....	2.86	3.00	.67	11.63	12.00	12.30	13.00	12.29	12.80
10714	1.79	1.50	4.02	4.00	1.05	8.66	8.00	9.71	.....	19.37	17.25

Table Showing Mechanical Analysis of Ground Bone.

(The Chemical Analysis is Given in the Preceding Table.)

No.	Name and Address of Manufacturer.	Name of Fertilizer.	Fine Less than 1-50 inch.	Fine-Medium 1-25 to 1-50 inch.	Medium 1-25 to 1-12 inch.	Coarse Larger than 1-12 inch
10518	American Agricultural Chemical Co., New York.	Pure Ground Bone	43	34	23	0
10596	A. A. C. Co. (Detrick's), Baltimore, Md.	Fine Ground Bone	63	26	11	0
10521	Armour Fertz. Works, Baltimore, Md.	Raw Bone Meal	36	32	28	4
10574	Baugh & Sons Co., Baltimore, Md.	Raw Bone Meal	43	47	10	0
10623	J. A. Cranston Co., Newport, Del.	Bone Meal	47	33	20	0
10620	Washington Ewing, Landenburg, Pa.	Pure Ground Bone	42	27	28	3
10633	Griffith & Turner, Baltimore, Md.	Soft Ground Bone	60	20	19	1
10778	Hanway & Keen, Bel Air, Md.	Ground Bone	40	32	27	1
10870	S. M. Hess & Bro., Philadelphia, Pa.	Ground Bone	54	28	17	1
10829	Jos. Lister, Chicago, Ill	Pure Bone Meal	56	30	14	0
10866	D. B. Martin Co., Philadelphia, Pa.	Ground Bone	71	20	8	1
10864	Miller Feltilizer Co., Baltimore, Md.	Ground Bone	34	34	29	3
10780	R. H. Pollock, Baltimore, Md.	Ground Animal Bone	40	30	28	2
10830	Ramburg Fertilizer Co., Frederick, Md.	Pure Raw Bone	55	34	11	0
10843	Rasin Monumental Co., Baltimore Md.	Ground Bone	71	21	7	1
10868	Scott Fertilizer Co., Elkton, Md.	Pure Ground Bone	32	31	33	4
10716	Southern Fertilizer Co., York, Pa.	Pure Ground Bone	49	24	23	4
10819	J. W. Stonebraker & Sons, Hagerstown, Md.	Bone Meal	52	44	4	0
10784	H. S. Taveau, Baltimore, Md.	Raw Bone Meal	44	28	25	3
10821	D. A. Thomas & Co., Hagerstown, Md.	Fine Raw Bone	48	47	5	0